
DIGITAL RECORDER

RS-232C COMMUNICATION CAPACITY

OPERATION MANUAL

MODEL

DX-TL5000E series

DX-TL5000U series

Contents

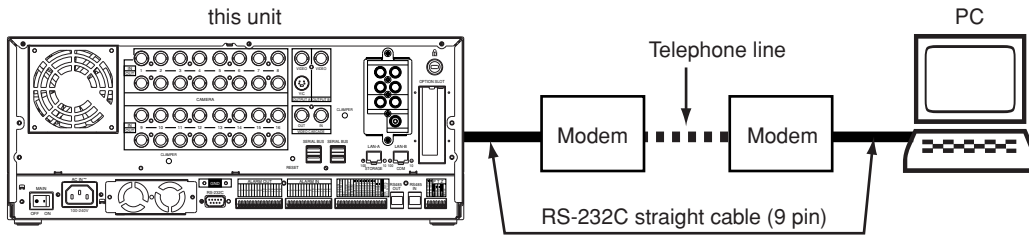
Connecting to a personal computer	2
Connection via a modem	2
Direct connection	2
RS-232C connector	2
RS-232C cable	2
About command code table	3
RS-232C settings	3
Command code system	3
Description of command code systems	3
Direct operation specification	3
Quasi-front panel operation command type	4
Status condition change information function	4
Command receipt confirmation function	4
Command code table	5
RS-232C [Direct operation specification] operation setting command form	5
RS-232C [Direct operation specification] menu setting command form	12
<Search>	12
<Copy>	15
<PTZ Control>	16
<Record>	17
<Timer>	26
<Motion Det>	29
<System>	30
<Menu data>	37
<Option>	37
<COM/LAN>	38
<PTZ Setting>	39
<Restore>	40
<Memory>	41
<Other Settings>	42
RS-232C [Direct operation specification] status check command form	43
RS-232C [Quasi-front panel operation] command form	45
RS-232C Status condition change notification	47

Connecting to a personal computer

This unit can be remotely controlled from a PC connected via a RS-232C connector.

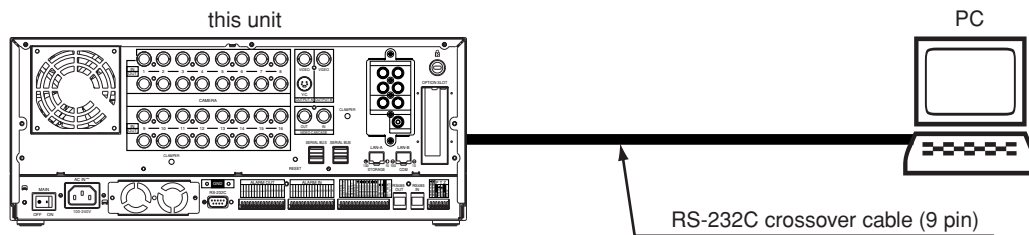
■ Connection via a modem

Please use RS-232C straight cable (9 pin) to connect a modem with this unit. The setting of CTS should be set to "HIGH" or "ON". Please refer to the instruction manual of a modem for the details about setting.

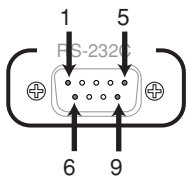


■ Direct connection

Please use RS-232C crossover cable (9 pin) to connect this unit with a personal computer. The pin layout of the RS-232C connector varies depending on the personal computer connected. Check the pin layout and use the proper crossover cable for the personal computer used.



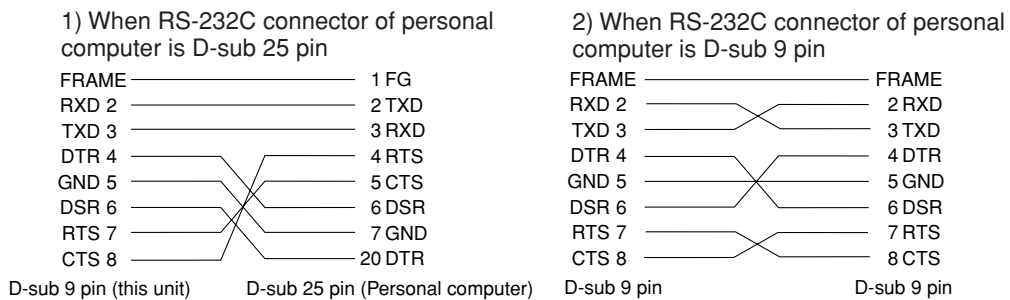
■ RS-232C connector



Pin No.	Letters	Transmission Contents	Pin No.	Letters	Transmission Contents
2	RXD	Receiving Data	6	DSR	Data Set Ready
3	TXD	Transmission Data	7	RTS	Request To Send
4	DTR	Data Terminal Ready	8	CTS	Clear To Send
5	GND	Signal Ground			

■ RS-232C cable

Please use the following RS-232C crossover cable when connecting the RS-232C connector of the personal computer and that of this unit.



About command code table

■ RS-232C settings

Settings related to communication of this unit are made in the <System Menu> → <COM/LAN> → <RS-232C Setting>. Make the same settings as the connected modem or PC connected.

ⓘ When remotely controlling this unit from a PC, set “Communication Mode” in the <RS-232C Setting> to “Remote A,” “Remote B,” or “Remote C.”

“Remote A” : Every status information is returned from the unit.

“Remote B” : Status information for the command is returned from the unit.

“Remote C” : Status information is not returned from the unit.

Available settings on the unit

Synchronization	Name on Menu	Asynchronous
1 Transmission rate for receiving/sending data	Transmission Mode	1200/2400/4800/9600/19200
2 Data bit length	Data Bit Length	8 bit/7 bit
3 Parity bit setting	Parity Bit	None/Odd/Even
4 Stop bit length	Stop Bit Length	1 bit/2 bit
5 Line feed setting	Delimiter	CR/CR•LF

Make the following settings on the PC

Synchronization	Screen display
1 X control	Not available
2 S parameter	Not available
3 CS-RS hand-shake	Available

■ Command code system

2 types of command codes of [direct operation specification] and [quasi-front panel operation] can be selected according to the purpose of the unit operation.

■ Description of command code systems

◆ Direct operation specification

This system controls or sets the unit by confirming the status from the unit such as execution or error which is responded to the command from the personal computer. This command type is constructed by the “operation setting commands” which sets operations, “menu setting commands” which directly sets various menus, and “status check commands” which checks the operational status of the unit.

• Input format

In case of “operation setting commands” and “status check commands,” send the command to the unit for each operation such as power on/off, record, playback, etc.

In case of “menu setting commands,” specify the setting item for each menu setting of the unit.

As a general rule, do not send commands continuously, but send the next command after checking that the present command has been executed and completed.

• Response format

After sending a command, the following items can be checked by the status returned from the unit.

- 1) Command execution result, error type, command name, and operation status.
- 2) For operation setting commands, the operational mode of the unit can be distinguished by the mode number of the returned status.

Distinction cannot be made for menu setting type commands. (Mode number is notified only when the status is changed.)

Example) Turning on the power of the Unit.

Command from PC	Replied status code from unit to PC	Meaning
PW1 #1		Indicates POWER ON command has been sent.
	RC #2	Indicates that the unit has received a command.
	EX,00PW1,04 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) PW1 : Indicates response to POWER ON command. 04 : Indicates POWER ON status.

ⓘ When the unit cannot execute the operation setting command or menu setting command sent from a PC, the error type which shows the content of the error is returned from the unit. Check the error code and take appropriate measures.

ⓘ For operation setting commands such as recording, playback, etc., the interval between command transmission and the actual operation (command execution) may take some time. To prevent the gap between operation and actual execution, read the status after sending the command and check the actual operational transition, and then send the next command.

ⓘ While displaying the menu screen, you cannot change the menu setting by using menu setting command form.

About command code table (continued)

◆ Quasi-front panel operation command type

This system specifies operations from a PC as if operating the actual operation panel of the unit while viewing the output picture. Each command is corresponded to the operation button of the unit.

• Input confirmation format

Send commands as if operate the buttons, JOG dial and SHUTTLE ring on the operation panel. As a general rule, do not send commands continuously, but send the next command after checking that the present command has been executed and completed. After sending a command, the command execution result, error type, and command name can be checked by the status returned from the unit. To check the actual execution, view the output screen of the unit on the monitor screen.

Example) Playing back the recorded data in still frame playback.

Command from PC	Replied status code from unit to PC	Meaning
KKP0 #1		Indicates that a command equivalent to “press the POWER button” was sent.
	RC #2	Indicates that the unit has received a command.
	EX,00KKP0 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) KKP0 : Indicates that the POWER button was operated.
KKB1 #1		Indicates that a command equivalent to “press the PLAY button” was sent.
	RC #2	Indicates that the unit has received a command.
	EX,00KKB1 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) KKB1 : Indicates that the PLAY button was operated.
KKB4 #1		Indicates that a command equivalent to “press the PAUSE button” was sent.
	RC #2	Indicates that the unit has received a command.
	EX,00KKB4 #2	EX : Indicates that a command has been executed. 00 : Indicates that the execution was successful. (Error type) KKB4 : Indicates that the PAUSE button was operated.

- ⓘ When using shuttle operation commands, be sure to send the shuttle center command after sending the operation command. Otherwise, the shuttle operation will be kept until the shuttle center command is sent.
- ⓘ For control type commands such as recording, playback, etc., the interval between command transmission and the actual operation (command execution) may take some time. To prevent the gap between operation and actual execution, read the status after sending the command and check the actual operational transition, and then send the next command.

◆ Status condition change information function

Example) Notifying the status of the fan (stop of the fan).

Replied status code from unit to PC	Meaning
NTFY04,00050321140000 192168000100 #2	NTFY :Indicates the status condition change notification. 04 :Indicates the status of the fan. 00 :Indicates that the fan is stopped. 050321140000 :Indicates the occurrence time and date (year/month/day/hour/minute/second). 192168000100 :Indicates the IP address of the unit.

When you set “Communication Mode” in the <RS-232C Setting> to “Remote A,” every status information is returned from the unit. When “Remote B” is set, status information for the command is returned from the unit. When “Remote C” is set, status information is not returned from the unit.

◆ Command receipt confirmation function

After executing a received command, the error type for command execution is notified after the execution status, “EX.”

Error type	Error description
00	Normal
01	Execution Error
02	Execution Unable Error
03	Incorrect command
04	Incorrect parameter

Error type	Error description
05	Excuting the command
06	Not corresponding

Command code table

Detail of the numbers:

#1 : When “Delimiter” in the <RS-232C Setting> is set to “CR,” carriage return code (0DH) is input. When “Delimiter” is set to “CR•LF,” carriage return code (0DH) and line feed code (0AH) are input.

#2 : When “Delimiter” in the <RS-232C Setting> is set to “CR,” carriage return code (0DH) is output. When “Delimiter” is set to “CR•LF,” carriage return code (0DH) and line feed code (0AH) are output.



















* : Indicates one number or character.

◆ RS-232C [Direct operation specification] operation setting command form (1/7)

Command name	Command	Status	Note
Power	PW*(1) #1	RC #2 EX,**(2)PW*(1),*(3) #2	*(1):Power on/off 0:Off 1:On **(2):Error type (Refer to page 4.) *(3):System mode number 00:Power off 02:Waiting for starting codec task 03:Waiting for starting system 04:Power on (device operation) 05:Waiting for ending system 06:Waiting for ending codec task 10:Setup Wizard 11:Waiting for starting Setup Wizard 12:Waiting for completing Setup Wizard 14:NET-D 15:Simple NET-D 32:Power On (stop) 33:Waiting for starting device operation 34:Waiting for ending device operation 38:Abnormal system mode 39:Waiting for response of communication confirmation 3A:Waiting for notification of enabled connection
Record	RC*(1) #1	RC #2 EX,**(2)RC*(1),*(3) #2	*(1):Recording/Stop of recording 0:Stop 1:Recording **(2):Error type (Refer to page 4.) *(3):Recording mode number 00:Stop of recording 01:Waiting for stopping 02:Execution (Recording) 03:Waiting for carrying out recording 04:Changing setting 05:Waiting for stopping recording due to setting change 06:Setting change during recording
Playback	PB00,**(1)**(2) *(3) #1	RC #2 EX,**(4)PB00,**(1)**(2)**(3), *(5) #2	*(1):Output port of playback picture 00:Output A 01:Output B *(2):Playback command 00:Stop 01:Pause 02:Playback 03:Frame-by-frame playback 04:Fast forward 1 05:Fast forward 2 06:Fast forward 3 07:Fast forward 4 08:High-speed fast forward *(3):Playback direction 00:Forward 01:Reverse *(4):Error type (Refer to page 4.) *(5):Playback mode number 00:Stop of playback 03:Forward playback (single screen) 04:Reverse playback (single screen) 05:Pause of forward playback (single screen) 06:Pause of reverse playback (single screen) 07:Forward search (single screen) 08:Reverse search (single screen) 09:High speed forward search (single screen) 0a:High speed reverse search (single screen) 0b:Forward playback (split screen) 0c:Reverse playback (split screen) 0d:Pause of forward playback (split screen) 0e:Pause of reverse playback (split screen) 0f:Forward search (split screen) 10:Reverse search (split screen) 11:High speed forward search (split screen) 12:High speed reverse search (split screen) 13:Forward playback (zoom) 14:Reverse playback (zoom) 15:Pause of forward playback (zoom) 16:Pause of reverse playback (zoom) 17:Forward search (zoom) 18:Reverse search (zoom) 19:High speed forward search (zoom) 1a:High speed reverse search (zoom) 1c:Playback error
Acquire information of recording start/end point	IF00,**(1)**(2) *(3) #1	RC #2 EX,**(4)IF00,**(1)**(2)**(3), *(5)**(6)**(7)**(8)**(9)**(10) *(11)**(12)**(13)**(14)**(15) *(16)**(17) #2	*(1):Device including the data to be acquired 01:Main 02:Copy 1 03:Copy 2 *(2):Group including the data to be acquired <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal *(3):Output port 00:Output A *(4):Error type (Refer to page 4.) *(5):Start year(01-37) *(6):Start month(01-12) *(7):Start day(01-31) *(8):Start hour(00-23) *(9):Start minute(00-59) *(10):Start second(00-59) *(11):End year(01-37) *(12):End month(01-12) *(13):End day(01-31) *(14):End hour(00-23) *(15):End minute(00-59) *(16):End second(00-59) *(17):Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors

Command code table (continued)

◆ RS-232C [Direct operation specification] operation setting command form (3/7)

Command name	Command	Status	Note
Start copy	CP1,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ 	RC  EX,★★ ⁽⁴⁾ CP1,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ , ★★ ⁽⁵⁾ 	★★ ⁽¹⁾ :Copy destination device 00:Copy 1 01:Copy 2 ★★ ⁽²⁾ :Copy destination group 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory (for copy 1 only) 05:Internal (for copy 2 only) ★★ ⁽³⁾ :Copy source area 01:Normal 02:Alarm 03:LPA ★★ ⁽⁴⁾ :Error type (Refer to page 4.) ★★ ⁽⁵⁾ :Copy mode number 00:Stop 02:Execute 04:Copy error
Stop copy	CP0,★★ ⁽¹⁾ 	RC  EX,★★ ⁽²⁾ CP0,★★ ⁽¹⁾ ,★★ ⁽³⁾ 	★★ ⁽¹⁾ :Copy device 00:Copy 1 01:Copy 2 ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★ ⁽³⁾ :Copy mode number 00:Stop 02:Execute 04:Copy error
Start copy (Internal HDD supported)	CP6,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ 	RC  EX,★★ ⁽⁵⁾ CP6,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ , ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ 	★★ ⁽¹⁾ :Copy destination device 00:Copy 1 01:Copy 2 ★★ ⁽²⁾ :Copy destination group 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory (for copy 1 only) 05:Internal (for copy 2 only) ★★ ⁽³⁾ :Copy source device 01:Main 03:Copy 2 ★★ ⁽⁴⁾ :Copy source area <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal ★★ ⁽⁵⁾ :Error type (Refer to page 4.) ★★ ⁽⁶⁾ :Copy mode number 00:Stop 02:Execute 04:Copy error ★★ ⁽⁷⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 30:Improper range 32:Size error 99:Other errors
Copy 2 Reset start point	BPR,★★ ⁽¹⁾ 	RC  EX,★★ ⁽²⁾ BPR★★ ⁽¹⁾ ,★★ ⁽³⁾ 	★★ ⁽¹⁾ :Copy source area 01:Normal 02:Alarm 03:LPA ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★ ⁽³⁾ :Copy 2 start point reset mode number 00:Stop 02:Reset error
Start restore	RP1,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ 	RC  EX,★★ ⁽⁴⁾ RP1,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ , ★★ ⁽⁵⁾ 	★★ ⁽¹⁾ :Restore source device 00:Copy 1 01:Copy 2 ★★ ⁽²⁾ :Restore source group 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory (for copy 1 only) 05:Internal (for copy 2 only) ★★ ⁽³⁾ :Restore destination area 01:Normal 02:Alarm 03:LPA ★★ ⁽⁴⁾ :Error type (Refer to page 4.) ★★ ⁽⁵⁾ :Restore mode number 00:Stop 02:Execute 04:Restore error
Stop restore	RP0,★★ ⁽¹⁾ 	RC  EX,★★ ⁽²⁾ RP0,★★ ⁽¹⁾ ,★★ ⁽³⁾ 	★★ ⁽¹⁾ :Restore source device 00:Copy 1 01:Copy 2 ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★ ⁽³⁾ :Restore mode number 00:Stop 02:Execute 04:Restore error

Command code table (continued)

◆ RS-232C [Direct operation specification] operation setting command form (4/7)

Command name	Command	Status	Note
Clear warning display	WC★ ⁽¹⁾ #1	RC #2 EX,★★ ⁽²⁾ WC★ ⁽¹⁾ ,★★ ⁽³⁾ #2	★ ⁽¹⁾ :Clearing warning display command 0:Clear ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★ ⁽³⁾ :System mode number (Refer to Power command)
Load/save menu data	MC,★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ #1	RC #2 EX,★★ ⁽⁴⁾ MC,★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ , ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ #2	★ ⁽¹⁾ :Menu loading/saving command 1:Load 2:Save ★★ ⁽²⁾ :Device to be loaded/saved 02:Copy 1 03:Copy 2 ★★ ⁽³⁾ :Device group to be loaded/saved <For Copy 1> 03:DVD/CD 04:USB Memory <For Copy 2> 03:DVD/CD ★★ ⁽⁴⁾ :Error type (Refer to page 4.) ★★ ⁽⁵⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 21:Improper data 22:Unavailable data (Unconformable partition setting) ★★ ⁽⁶⁾ :System mode number (Refer to Power command)
Initialize menu	MC,00100 #1	RC #2 EX,★★ ⁽¹⁾ MC,00100,★★ ⁽²⁾ ★★ ⁽³⁾ #2	★★ ⁽¹⁾ :Error type (Refer to page 4.) ★★ ⁽²⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 21:Improper data 22:Unavailable data (Unconformable partition setting) ★★ ⁽³⁾ :System mode number (Refer to Power command)
Clear data	CL,★★ ⁽¹⁾ ★★ ⁽²⁾ #1	RC #2 EX,★★ ⁽³⁾ CL,★★ ⁽¹⁾ ★★ ⁽²⁾ ,★★ ⁽⁴⁾ #2	★★ ⁽¹⁾ :Device including the data to be cleared 01:Main 02:Copy 1 03:Copy 2 ★★ ⁽²⁾ :Device group including the data to be cleared <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal ★★ ⁽³⁾ :Error type (Refer to page 4.) ★★ ⁽⁴⁾ :Data clearing mode number 00:End 02:Data clearing error
Eject DVD/CD	EJ,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ #1	RC #2 EX,★★ ⁽⁴⁾ EJ,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ , ★★ ⁽⁵⁾ #2	★★ ⁽¹⁾ :Device to be ejected 02:Copy 1 03:Copy 2 ★★ ⁽²⁾ :Device group to be ejected 03:DVD/CD ★★ ⁽³⁾ :Opening/closing disk tray 00:Close disk tray 01:Open disk tray ★★ ⁽⁴⁾ :Error type (Refer to page 4.) ★★ ⁽⁵⁾ :DVD/CD ejecting mode number 00:End 02:Eject error
Construct alarm list	IFC01,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ ★★ ⁽⁸⁾ ★★ ⁽⁹⁾ ★★ ⁽¹⁰⁾ ★★ ⁽¹¹⁾ ★★ ⁽¹⁾ #1	RC #2 EX,★★ ⁽¹²⁾ IFC01,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ ★★ ⁽⁸⁾ ★★ ⁽⁹⁾ ★★ ⁽¹⁰⁾ ★★ ⁽¹¹⁾ , ★★ ⁽¹³⁾ ★★ ⁽¹⁴⁾ #2	★★ ⁽¹⁾ :Alarm list construction device 01:Main 02:Copy 1 03:Copy 2 ★★ ⁽²⁾ :Alarm list construction device group <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal ★★ ⁽³⁾ :Direction 00:Forward direction from specified time 01:Reverse direction from specified time 02:Forward direction from end point of previous construction 03:Reverse direction from start point of previous construction 04:Starts construction from start point of the specified device (forward direction) 05:Starts construction from end point of the specified device (reverse direction) ★★ ⁽⁴⁾ :The number of list items 0000-1000 ★★ ⁽⁵⁾ :Sensor to be searched Shown using hexadecimal number. Bit allocation for each camera LSB=sensor 1 Ex. "003F" indicates sensor numbers 1 to 6. ★★ ⁽⁶⁾ :Specified time/year (01-37) ★★ ⁽⁷⁾ :Specified time/month (01-12) ★★ ⁽⁸⁾ :Specified time/day (01-31) ★★ ⁽⁹⁾ :Specified time/hour (00-23) ★★ ⁽¹⁰⁾ :Specified time/minute (00-59) ★★ ⁽¹¹⁾ :Specified time/second (00-59) ★★ ⁽¹²⁾ :Error type (Refer to page 4.) ★★ ⁽¹³⁾ :The number of items to be constructed 0000-1000 ★★ ⁽¹⁴⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors

Command code table (continued)

◆ RS-232C [Direct operation specification] operation setting command form (5/7)

Command name	Command	Status	Note
Execute data lock	DLOKS,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ [E1]	RC [E2] EX,★★ ⁽⁴⁾ DLOKS,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ,★★ ⁽⁵⁾ [E2]	★★ ⁽¹⁾ :Device area including the data to be locked 01:Normal 02:Alarm ★★ ⁽²⁾ :Bookmark number of start point 00:1 01:2 02:3 03:4 04:5 05:6 06:7 07:8 ★★ ⁽³⁾ :Bookmark number of end point 00:1 01:2 02:3 03:4 04:5 05:6 06:7 07:8 ★★ ⁽⁴⁾ :Error type (Refer to page 4.) ★★ ⁽⁵⁾ :Data error type 00:No error 20:No data 22:Already locked 30:Improper range 31:Excess of available number 99:Other errors
Construct data lock list	IFC03,★★ ⁽¹⁾ [E1]	RC [E2] EX,★★ ⁽²⁾ IFC03,★★ ⁽¹⁾ ,★★★★ ⁽³⁾ ★★ ⁽⁴⁾ [E2]	★★ ⁽¹⁾ :Device area for constructing data lock list 01:Normal 02:Alarm ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★★★ ⁽³⁾ :The number of items to be constructed ★★ ⁽⁴⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Switch audio	AUDIOO,★★ ⁽¹⁾ ★★ ⁽²⁾ [E1]	RC [E2] EX,★★ ⁽³⁾ AUDIOO,★★ ⁽¹⁾ ★★ ⁽²⁾ [E2]	★★ ⁽¹⁾ :Output terminal 00:Audio output ★★ ⁽²⁾ :Switching audio 00:Audio input 1 ch 01:Audio input 2 ch 02:Audio input 3ch 03:Audio input 4 ch ★★ ⁽³⁾ :Error type (Refer to page 4.)
Total operating time	ELPQ,★★ ⁽¹⁾ ★★ ⁽²⁾ [E1]	RC [E2] EX,★★ ⁽³⁾ ELPQ,★★ ⁽¹⁾ ★★ ⁽²⁾ , ★★★★ ⁽⁴⁾ [E2]	★★ ⁽¹⁾ :Device to be acquired 00:System 02:Copy 1 03:Copy 2 ★★ ⁽²⁾ :Device group to be acquired <For System> 00:System <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD ★★ ⁽³⁾ :Error type (Refer to page 4.) ★★★★ ⁽⁴⁾ :Total operating time 00000-99999 (hour)
Alarm recording of specified camera	RCCA,★★ ⁽¹⁾ [E1]	RC [E2] EX,★★ ⁽²⁾ RCCA,★★ ⁽¹⁾ [E2]	★★ ⁽¹⁾ :Camera number 00:CH1 01:CH2 02:CH3 03:CH4 04:CH5 05:CH6 06:CH7 07:CH8 08:CH9 09:CH10 10:CH11 11:CH12 12:CH13 13:CH14 14:CH15 15:CH16 ★★ ⁽²⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] operation setting command form (6/7)

Command name	Command	Status	Note
Select Source Device	PDV,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ [E1]	RC [E2] EX,★★ ⁽⁴⁾ PDV,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ [E2]	★★ ⁽¹⁾ :Output port of playback picture 00:Output A ★★ ⁽²⁾ :Playback device 01:Main 02:Copy 1 03:Copy 2 ★★ ⁽³⁾ :Playback device group <For Main> 01:Normal 02:Alarm 03:LPA <For Copy 1> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 04:USB Memory <For Copy 2> 00:SerialBus 01:NAS 02:SCSI 03:DVD/CD 05:Internal ★★ ⁽⁴⁾ :Error type (Refer to page 4.)
Search by Time and Date	PB10,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ [E1]	RC [E2] EX,★★ ⁽⁸⁾ PB10,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ ,★★ ⁽⁹⁾ ★★ ⁽¹⁰⁾ [E2]	★★ ⁽¹⁾ :Output port of playback picture 00:Output A ★★ ⁽²⁾ :Time to be searched/year (01-37) ★★ ⁽³⁾ :Time to be searched/month (01-12) ★★ ⁽⁴⁾ :Time to be searched/day (01-31) ★★ ⁽⁵⁾ :Time to be searched/hour (00-23) ★★ ⁽⁶⁾ :Time to be searched/minute (00-59) ★★ ⁽⁷⁾ :Time to be searched/second (00-59) ★★ ⁽⁸⁾ :Error type (Refer to page 4.) ★★ ⁽⁹⁾ :Playback mode number (Refer to Playback command) ★★ ⁽¹⁰⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Search by Time and Date Start	PB11,★★ ⁽¹⁾ [E1]	RC [E2] EX,★★ ⁽²⁾ PB11,★★ ⁽¹⁾ ,★★ ⁽³⁾ ★★ ⁽⁴⁾ [E2]	★★ ⁽¹⁾ :Output port of playback picture 00:Output A ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★ ⁽³⁾ :Playback mode number (Refer to Playback command) ★★ ⁽⁴⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Search by Time and Date End	PB12,★★ ⁽¹⁾ [E1]	RC [E2] EX,★★ ⁽²⁾ PB12,★★ ⁽¹⁾ ,★★ ⁽³⁾ ★★ ⁽⁴⁾ [E2]	★★ ⁽¹⁾ :Output port of playback picture 00:Output A ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★ ⁽³⁾ :Playback mode number (Refer to Playback command) ★★ ⁽⁴⁾ :Data error type 00:No error 10:No device 11:No medium 20:No data 99:Other errors
Acquire alarm list information	LSTI01,★★★★ [E1]	RC [E2] EX,★★ ⁽²⁾ LSTI01,★★★★ ⁽¹⁾ , ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ ★★ ⁽⁸⁾ ★★ ⁽⁹⁾ ★★ ⁽¹⁰⁾ ★★ ⁽¹¹⁾ [E2]	★★★★ ⁽¹⁾ :Alarm list number 0000-0999 ★★ ⁽²⁾ :Error type (Refer to page 4.) ★★ ⁽³⁾ :Data error type 00:No error 20:No data 22:Unavailable data 99:Other errors ★★ ⁽⁴⁾ :Time of alarm/year (01-37) ★★ ⁽⁵⁾ :Time of alarm/month (01-12) ★★ ⁽⁶⁾ :Time of alarm/day (01-31) ★★ ⁽⁷⁾ :Time of alarm/hour (00-23) ★★ ⁽⁸⁾ :Time of alarm/minute (00-59) ★★ ⁽⁹⁾ :Time of alarm/second (00-59) ★★ ⁽¹⁰⁾ :Sensor number 00:Sensor 1 01:Sensor 2 02:Sensor 3 03:Sensor 4 04:Sensor 5 05:Sensor 6 06:Sensor 7 07:Sensor 8 08:Sensor 9 09:Sensor 10 10:Sensor 11 11:Sensor 12 12:Sensor 13 13:Sensor 14 14:Sensor 15 15:Sensor 16 ★★ ⁽¹¹⁾ :Factor of starting recording 00:Motion detection 02:Rear terminal (ALARM IN terminal) 03:Rear terminal (EMERGENCY terminal)
Search by Alarm List	PBC01,★★ ⁽¹⁾ ★★★★ ⁽²⁾ [E1]	RC [E2] EX,★★ ⁽³⁾ PBC01,★★ ⁽¹⁾ ★★★★ ⁽²⁾ [E2]	★★ ⁽¹⁾ :Output port of playback picture 00:Output A ★★★★ ⁽²⁾ :List number to be searched 0000-0999 ★★ ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Search> (1/3)

Refer to [Direct operation specification] operation setting command for carrying out search function.

Menu	Menu item	Command	Status	Note
Select Source Device	Playback Device Select	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ <Inquiry for setting information> DR,***** ⁽¹⁾	<Writing of menu information> RC EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ <Reading of menu information> RC EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾	***** ⁽¹⁾ :08000 ***** ⁽²⁾ :00001-00003 00001:Main 00002:Copy 1 00003:Copy 2 ** ⁽³⁾ :Error type (Refer to page 4.)
	Playback Area/Main	↑	↑	***** ⁽¹⁾ :08001 ***** ⁽²⁾ :00001-00003 00001:Normal 00002:Alarm 00003:LPA ** ⁽³⁾ :Error type (Refer to page 4.)
	Playback Area/Copy 1	↑	↑	***** ⁽¹⁾ :08002 ***** ⁽²⁾ :00000-00004 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00004:USB Memory ** ⁽³⁾ :Error type (Refer to page 4.)
	Playback Area/Copy 2	↑	↑	***** ⁽¹⁾ :08003 ***** ⁽²⁾ :00000-00003 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00005:Internal ** ⁽³⁾ :Error type (Refer to page 4.)
Search by Time and Date	Manual/year	↑	↑	***** ⁽¹⁾ :08004 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	Manual/month	↑	↑	***** ⁽¹⁾ :08005 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	Manual/day	↑	↑	***** ⁽¹⁾ :08006 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	Manual/hour	↑	↑	***** ⁽¹⁾ :08007 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	Manual/minute	↑	↑	***** ⁽¹⁾ :08008 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Manual/second	↑	↑	***** ⁽¹⁾ :08009 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Camera Filter	↑	↑	***** ⁽¹⁾ :08010-08025 08010:CH1 08011:CH2 08012:CH3 08013:CH4 08014:CH5 08015:CH6 08016:CH7 08017:CH8 08018:CH9 08019:CH10 08020:CH11 08021:CH12 08022:CH13 08023:CH14 08024:CH15 08025:CH16 ***** ⁽²⁾ :00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
Search by Alarm List	year	↑	↑	***** ⁽¹⁾ :08026 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	month	↑	↑	***** ⁽¹⁾ :08027 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	day	↑	↑	***** ⁽¹⁾ :08028 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	hour	↑	↑	***** ⁽¹⁾ :08029 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	minute	↑	↑	***** ⁽¹⁾ :08030 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	second	↑	↑	***** ⁽¹⁾ :08031 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Sensor Filter	↑	↑	***** ⁽¹⁾ :08032-08047 08032:CH1 08033:CH2 08034:CH3 08035:CH4 08036:CH5 08037:CH6 08038:CH7 08039:CH8 08040:CH9 08041:CH10 08042:CH11 08043:CH12 08044:CH13 08045:CH14 08046:CH15 08047:CH16 ***** ⁽²⁾ :00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Search> (2/3)

Refer to [Direct operation specification] operation setting command form for carrying out search function.

Menu	Menu item	Command	Status	Note
Find data storage location	Start/year	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :08048 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/month	↑	↑	***** ⁽¹⁾ :08049 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/day	↑	↑	***** ⁽¹⁾ :08050 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** ⁽¹⁾ :08051 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** ⁽¹⁾ :08052 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/second	↑	↑	***** ⁽¹⁾ :08053 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/year	↑	↑	***** ⁽¹⁾ :08054 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/month	↑	↑	***** ⁽¹⁾ :08055 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/day	↑	↑	***** ⁽¹⁾ :08056 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/hour	↑	↑	***** ⁽¹⁾ :08057 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/minute	↑	↑	***** ⁽¹⁾ :08058 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/second	↑	↑	***** ⁽¹⁾ :08059 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Search> (3/3)

Refer to [Direct operation specification] operation setting command form for carrying out search function.

Menu	Menu item	Command	Status	Note
Search by Motion	year	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :08060 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	month	†	†	***** ⁽¹⁾ :08061 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	day	†	†	***** ⁽¹⁾ :08062 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	hour	†	†	***** ⁽¹⁾ :08063 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	minute	†	†	***** ⁽¹⁾ :08064 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	second	†	†	***** ⁽¹⁾ :08065 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Camera Select	†	†	***** ⁽¹⁾ :08066 ***** ⁽²⁾ :00000-00015 00000:1CH 00001:2CH 00002:3CH 00003:4CH 00004:5CH 00005:6CH 00006:7CH 00007:8CH 00008:9CH 00009:10CH 00010:11CH 00011:12CH 00012:13CH 00013:14CH 00014:15CH 00015:16CH ** ⁽³⁾ :Error type (Refer to page 4.)
	Motion Detection Settings/ Sensitivity	†	†	***** ⁽¹⁾ : 08100:1CH 08200:2CH 08300:3CH 08400:4CH 08500:5CH 08600:6CH 08700:7CH 08800:8CH 08900:9CH 09000:10CH 09100:11CH 09200:12CH 09300:13CH 09400:14CH 09500:15CH 09600:16CH ***** ⁽²⁾ : 00000:Low 00004:High ** ⁽³⁾ :Error type (Refer to page 4.)
Motion Detection Settings/ Motion Threshold	†	†	***** ⁽¹⁾ : 08101:1CH 08201:2CH 08301:3CH 08401:4CH 08501:5CH 08601:6CH 08701:7CH 08801:8CH 08901:9CH 09001:10CH 09101:11CH 09201:12CH 09301:13CH 09401:14CH 09501:15CH 09601:16CH <For DX-TL5000E> ***** ⁽²⁾ :00001-00506 (point) <For DX-TL5000U> ***** ⁽²⁾ :00001-00418 (point) ** ⁽³⁾ :Error type (Refer to page 4.)	

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Copy> (1/2)

Menu	Menu item	Command	Status	Note
Copy data to Copy 1 Drive	Range of Copy	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :12000 ***** ⁽²⁾ :00000-00002 00000:Start/End 00002:End ** ⁽³⁾ :Error type (Refer to page 4.) 00001:Start
	Start/ Bookmark	↑	↑	***** ⁽¹⁾ :12001 ***** ⁽²⁾ :00000-00007, 00255 00000:1 00001:2 00002:3 00003:4 00004:5 00005:6 00006:7 00007:8 00255:specify by time and date ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/year	↑	↑	***** ⁽¹⁾ :12002 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/month	↑	↑	***** ⁽¹⁾ :12003 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/day	↑	↑	***** ⁽¹⁾ :12004 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** ⁽¹⁾ :12005 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** ⁽¹⁾ :12006 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/second	↑	↑	***** ⁽¹⁾ :12007 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/ Bookmark	↑	↑	***** ⁽¹⁾ :12008 ***** ⁽²⁾ :00000-00007, 00255 00000:1 00001:2 00002:3 00003:4 00004:5 00005:6 00006:7 00007:8 00255:specify by time and date ** ⁽³⁾ :Error type (Refer to page 4.)
	End/year	↑	↑	***** ⁽¹⁾ :12009 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/month	↑	↑	***** ⁽¹⁾ :12010 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/day	↑	↑	***** ⁽¹⁾ :12011 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/hour	↑	↑	***** ⁽¹⁾ :12012 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/minute	↑	↑	***** ⁽¹⁾ :12013 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/second	↑	↑	***** ⁽¹⁾ :12014 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Set Copy 1 Drive	Copy camera	↑	↑
From Device		↑	↑	***** ⁽¹⁾ :12027 ***** ⁽²⁾ : 00001:Main 00003:Copy 2 ** ⁽³⁾ :Error type (Refer to page 4.)
From Group		↑	↑	***** ⁽¹⁾ :12028 ***** ⁽²⁾ : <For Main> 00001:Normal 00002:Alarm 00003:LPA <For Copy 2> 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00005:Internal ** ⁽³⁾ :Error type (Refer to page 4.)
To Copy 1		↑	↑	***** ⁽¹⁾ :12022 ***** ⁽²⁾ :00000-00004 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00004:USB Memory ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Copy> (2/2)/<PTZ Control>

Menu	Menu item	Command	Status	Note
Set Copy 1 Drive (continued)	Copy Data	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ <Inquiry for setting information> DR,***** ⁽¹⁾	<Writing of menu information> RC EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ <Reading of menu information> RC EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾	***** ⁽¹⁾ :12023 ***** ⁽²⁾ : 00000:All 00001:Alarm ** ⁽³⁾ :Error type (Refer to page 4.)
	Overwrite	↑	↑	***** ⁽¹⁾ :12024 ***** ⁽²⁾ : 00000:On 00001:Off ** ⁽³⁾ :Error type (Refer to page 4.)
	Auto Eject	↑	↑	***** ⁽¹⁾ :12025 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
Copy data to Copy 2 Drive	Range of Copy	↑	↑	***** ⁽¹⁾ :12040 ***** ⁽²⁾ : 00001:Start 00003:Continue ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/ Bookmark	↑	↑	***** ⁽¹⁾ :12041 ***** ⁽²⁾ :00000-00007, 00255 00000:1 00001:2 00002:3 00003:4 00004:5 00005:6 00006:7 00007:8 00255:specify by time and date ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/year	↑	↑	***** ⁽¹⁾ :12042 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/month	↑	↑	***** ⁽¹⁾ :12043 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/day	↑	↑	***** ⁽¹⁾ :12044 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** ⁽¹⁾ :12045 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** ⁽¹⁾ :12046 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/second	↑	↑	***** ⁽¹⁾ :12047 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
Set Copy 2 Drive	Copy camera	↑	↑	***** ⁽¹⁾ :12055 ***** ⁽²⁾ : Shown using decimal number. Bit allocation for each camera LSB=camera 1 Ex. "00063" indicates camera numbers 1 to 6. ** ⁽³⁾ :Error type (Refer to page 4.)
	From Main	↑	↑	***** ⁽¹⁾ :12056 ***** ⁽²⁾ :00001-00003 00001:Normal 00002:Alarm 00003:LPA ** ⁽³⁾ :Error type (Refer to page 4.)
	To Copy 2	↑	↑	***** ⁽¹⁾ :12057 ***** ⁽²⁾ :00000-00003 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00005:Internal ** ⁽³⁾ :Error type (Refer to page 4.)
	Copy Data	↑	↑	***** ⁽¹⁾ :12058 ***** ⁽²⁾ : 00000:All 00001:Alarm ** ⁽³⁾ :Error type (Refer to page 4.)
	Overwrite	↑	↑	***** ⁽¹⁾ :12059 ***** ⁽²⁾ : 00000:On 00001:Off ** ⁽³⁾ :Error type (Refer to page 4.)
	Auto Eject	↑	↑	***** ⁽¹⁾ :12060 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
	FIFO Overwrite	↑	↑	***** ⁽¹⁾ :12061 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
Select PTZ Camera				***** ⁽¹⁾ :00480 ***** ⁽²⁾ :00000-00015 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (1/9)

Menu	Menu item	Command	Status	Note				
Set Recording Pattern A (Normal/Timer)	Normal Recording Menu	Frame / Field <Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :02339-02354 02339:CH1 02340:CH2 02341:CH3 02342:CH4 02343:CH5 02344:CH6 02345:CH7 02346:CH8 02347:CH9 02348:CH10 02349:CH11 02350:CH12 02351:CH13 02352:CH14 02353:CH15 02354:CH16 ***** ⁽²⁾ : 0000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)				
				Recording Rate	↑	↑	***** ⁽¹⁾ :02003-02018 02003:CH1 02004:CH2 02005:CH3 02006:CH4 02007:CH5 02008:CH6 02009:CH7 02010:CH8 02011:CH9 02012:CH10 02013:CH11 02014:CH12 02015:CH13 02016:CH14 02017:CH15 02018:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)	
				Picture Grade	↑	↑	***** ⁽¹⁾ :02019-02034 02019:CH1 02020:CH2 02021:CH3 02022:CH4 02023:CH5 02024:CH6 02025:CH7 02026:CH8 02027:CH9 02028:CH10 02029:CH11 02030:CH12 02031:CH13 02032:CH14 02033:CH15 02034:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)	
	Alarm Recording Menu	Frame / Field	↑	↑	***** ⁽¹⁾ :02355-02370 02355:CH1 02356:CH2 02357:CH3 02358:CH4 02359:CH5 02360:CH6 02361:CH7 02362:CH8 02363:CH9 02364:CH10 02365:CH11 02366:CH12 02367:CH13 02368:CH14 02369:CH15 02370:CH16 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)			
					Recording Rate	↑	↑	***** ⁽¹⁾ :02035-02050 02035:CH1 02036:CH2 02037:CH3 02038:CH4 02039:CH5 02040:CH6 02041:CH7 02042:CH8 02043:CH9 02044:CH10 02045:CH11 02046:CH12 02047:CH13 02048:CH14 02049:CH15 02050:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)
					Picture Grade	↑	↑	***** ⁽¹⁾ :02051-02066 02051:CH1 02052:CH2 02053:CH3 02054:CH4 02055:CH5 02056:CH6 02057:CH7 02058:CH8 02059:CH9 02060:CH10 02061:CH11 02062:CH12 02063:CH13 02064:CH14 02065:CH15 02066:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (2/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :02396 ***** ⁽²⁾ : 00000:Normal 00001:Alarm ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** ⁽¹⁾ :02000 ***** ⁽²⁾ : 00001:Alarm CH 00002:Alarm plus ** ⁽³⁾ :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** ⁽¹⁾ :02001 ***** ⁽²⁾ : 00000:0 sec 00001:1 sec 00002:2 sec 00003:3 sec 00004:4 sec 00005:5 sec 00006:6 sec 00007:7 sec 00008:8 sec 00009:9 sec 00010:10 sec 00015:15 sec 00020:20 sec 00030:30 sec 00040:40 sec 00050:50 sec 00060:60 sec 00090:90 sec 00120:120 sec 00150:150 sec 00180:180 sec ** ⁽³⁾ :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** ⁽¹⁾ :02002 ***** ⁽²⁾ : 00000:Manual 00002:2 sec 00005:5 sec 00010:10 sec 00015:15 sec 00030:30 sec 00045:45 sec 00060:1 min 00120:2 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min 03600:60 min ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Camera Setting	↑	↑	***** ⁽¹⁾ :02067-02322 02067-02082:sensor number 1/camera number CH1-CH16 02083-02098:sensor number 2/camera number CH1-CH16 02099-02114:sensor number 3/camera number CH1-CH16 02115-02130:sensor number 4/camera number CH1-CH16 02131-02146:sensor number 5/camera number CH1-CH16 02147-02162:sensor number 6/camera number CH1-CH16 02163-02178:sensor number 7/camera number CH1-CH16 02179-02194:sensor number 8/camera number CH1-CH16 02195-02210:sensor number 9/camera number CH1-CH16 02211-02226:sensor number 10/camera number CH1-CH16 02227-02242:sensor number 11/camera number CH1-CH16 02243-02258:sensor number 12/camera number CH1-CH16 02259-02274:sensor number 13/camera number CH1-CH16 02275-02290:sensor number 14/camera number CH1-CH16 02291-02306:sensor number 15/camera number CH1-CH16 02307-02322:sensor number 16/camera number CH1-CH16 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
Alarm Trigger In/Out	Trigger	↑	↑	***** ⁽¹⁾ :02323-02338 02323:CH1 02324:CH2 02325:CH3 02326:CH4 02327:CH5 02328:CH6 02329:CH7 02330:CH8 02331:CH9 02332:CH10 02333:CH11 02334:CH12 02335:CH13 02336:CH14 02337:CH15 02338:CH16 ***** ⁽²⁾ :00000-00006 00000:External / MD-A 00001:External / MD-B 00002:External & MD-A 00003:External & MD-B 00004:External 00005:MD-A 00006:MD-B ** ⁽³⁾ :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** ⁽¹⁾ :02380-02395 02380:CH1 02381:CH2 02382:CH3 02383:CH4 02384:CH5 02385:CH6 02386:CH7 02387:CH8 02388:CH9 02389:CH10 02390:CH11 02391:CH12 02392:CH13 02393:CH14 02394:CH15 02395:CH16 ***** ⁽²⁾ :00000-00016 00000:- - - 00001:Preset1 00002:Preset2 00003:Preset3 00004:Preset4 00005:Preset5 00006:Preset6 00007:Preset7 00008:Preset8 00009:Preset9 00010:Preset10 00011:Preset11 00012:Preset12 00013:Preset13 00014:Preset14 00015:Preset15 00016:Preset16 ** ⁽³⁾ :Error type (Refer to page 4.)

Set Recording Pattern A (Normal/Timer) (continued)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (3/9)

Menu	Menu item	Command	Status	Note	
Set Recording Pattern B (Timer)	Normal Recording Menu	Frame / Field	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :02739-02754 02739:CH1 02740:CH2 02741:CH3 02742:CH4 02743:CH5 02744:CH6 02745:CH7 02746:CH8 02747:CH9 02748:CH10 02749:CH11 02750:CH12 02751:CH13 02752:CH14 02753:CH15 02754:CH16 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** ⁽¹⁾ :02403-02418 02403:CH1 02404:CH2 02405:CH3 02406:CH4 02407:CH5 02408:CH6 02409:CH7 02410:CH8 02411:CH9 02412:CH10 02413:CH11 02414:CH12 02415:CH13 02416:CH14 02417:CH15 02418:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** ⁽¹⁾ :02419-02434 02419:CH1 02420:CH2 02421:CH3 02422:CH4 02423:CH5 02424:CH6 02425:CH7 02426:CH8 02427:CH9 02428:CH10 02429:CH11 02430:CH12 02431:CH13 02432:CH14 02433:CH15 02434:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Recording Menu	Frame / Field	↑	↑	***** ⁽¹⁾ :02755-02770 02755:CH1 02756:CH2 02757:CH3 02758:CH4 02759:CH5 02760:CH6 02761:CH7 02762:CH8 02763:CH9 02764:CH10 02765:CH11 02766:CH12 02767:CH13 02768:CH14 02769:CH15 02770:CH16 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** ⁽¹⁾ :02435-02450 02435:CH1 02436:CH2 02437:CH3 02438:CH4 02439:CH5 02440:CH6 02441:CH7 02442:CH8 02443:CH9 02444:CH10 02445:CH11 02446:CH12 02447:CH13 02448:CH14 02449:CH15 02450:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** ⁽¹⁾ :02451-02466 02451:CH1 02452:CH2 02453:CH3 02454:CH4 02455:CH5 02456:CH6 02457:CH7 02458:CH8 02459:CH9 02460:CH10 02461:CH11 02462:CH12 02463:CH13 02464:CH14 02465:CH15 02466:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (4/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :02796 ***** ⁽²⁾ : 00000:Normal 00001:Alarm ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** ⁽¹⁾ :02400 ***** ⁽²⁾ : 00001:Alarm CH 00002:Alarm plus ** ⁽³⁾ :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** ⁽¹⁾ :02401 ***** ⁽²⁾ : 00000:0 sec 00001:1 sec 00002:2 sec 00003:3 sec 00004:4 sec 00005:5 sec 00006:6 sec 00007:7 sec 00008:8 sec 00009:9 sec 00010:10 sec 00015:15 sec 00020:20 sec 00030:30 sec 00040:40 sec 00050:50 sec 00060:60 sec 00090:90 sec 00120:120 sec 00150:150 sec 00180:180 sec ** ⁽³⁾ :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** ⁽¹⁾ :02402 ***** ⁽²⁾ : 00000:Manual 00002:2 sec 00005:5 sec 00010:10 sec 00015:15 sec 00030:30 sec 00045:45 sec 00060:1 min 00120:2 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Camera Setting	↑	↑	***** ⁽¹⁾ :02467-02722 02467-02482:sensor number 1/camera number CH1-CH16 02483-02498:sensor number 2/camera number CH1-CH16 02499-02514:sensor number 3/camera number CH1-CH16 02515-02530:sensor number 4/camera number CH1-CH16 02531-02546:sensor number 5/camera number CH1-CH16 02547-02562:sensor number 6/camera number CH1-CH16 02563-02578:sensor number 7/camera number CH1-CH16 02579-02594:sensor number 8/camera number CH1-CH16 02595-02610:sensor number 9/camera number CH1-CH16 02611-02626:sensor number 10/camera number CH1-CH16 02627-02642:sensor number 11/camera number CH1-CH16 02643-02658:sensor number 12/camera number CH1-CH16 02659-02674:sensor number 13/camera number CH1-CH16 02675-02690:sensor number 14/camera number CH1-CH16 02691-02706:sensor number 15/camera number CH1-CH16 02707-02722:sensor number 16/camera number CH1-CH16 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
Alarm Trigger In/Out	Trigger	↑	↑	***** ⁽¹⁾ :02723-02738 02723:CH1 02724:CH2 02725:CH3 02726:CH4 02727:CH5 02728:CH6 02729:CH7 02730:CH8 02731:CH9 02732:CH10 02733:CH11 02734:CH12 02735:CH13 02736:CH14 02737:CH15 02738:CH16 ***** ⁽²⁾ :00000-00006 00000:External / MD-A 00001:External / MD-B 00002:External & MD-A 00003:External & MD-B 00004:External 00005:MD-A 00006:MD-B ** ⁽³⁾ :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** ⁽¹⁾ :02780-02795 02780:CH1 02781:CH2 02782:CH3 02783:CH4 02784:CH5 02785:CH6 02786:CH7 02787:CH8 02788:CH9 02789:CH10 02790:CH11 02791:CH12 02792:CH13 02793:CH14 02794:CH15 02795:CH16 ***** ⁽²⁾ :00000-00016 00000:- - - 00001:Preset1 00002:Preset2 00003:Preset3 00004:Preset4 00005:Preset5 00006:Preset6 00007:Preset7 00008:Preset8 00009:Preset9 00010:Preset10 00011:Preset11 00012:Preset12 00013:Preset13 00014:Preset14 00015:Preset15 00016:Preset16 ** ⁽³⁾ :Error type (Refer to page 4.)

Set Recording Pattern B (Timer) (continued)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (5/9)

Menu	Menu item	Command	Status	Note	
Set Recording Pattern C (Timer)	Normal Recording Menu	Frame / Field	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :03139-03154 03139:CH1 03140:CH2 03141:CH3 03142:CH4 03143:CH5 03144:CH6 03145:CH7 03146:CH8 03147:CH9 03148:CH10 03149:CH11 03150:CH12 03151:CH13 03152:CH14 03153:CH15 03154:CH16 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** ⁽¹⁾ :02803-02818 02803:CH1 02804:CH2 02805:CH3 02806:CH4 02807:CH5 02808:CH6 02809:CH7 02810:CH8 02811:CH9 02812:CH10 02813:CH11 02814:CH12 02815:CH13 02816:CH14 02817:CH15 02818:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** ⁽¹⁾ :02819-02834 02819:CH1 02820:CH2 02821:CH3 02822:CH4 02823:CH5 02824:CH6 02825:CH7 02826:CH8 02827:CH9 02828:CH10 02829:CH11 02830:CH12 02831:CH13 02832:CH14 02833:CH15 02834:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Recording Menu	Frame / Field	↑	↑	***** ⁽¹⁾ :03155-03170 03155:CH1 03156:CH2 03157:CH3 03158:CH4 03159:CH5 03160:CH6 03161:CH7 03162:CH8 03163:CH9 03164:CH10 03165:CH11 03166:CH12 03167:CH13 03168:CH14 03169:CH15 03170:CH16 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** ⁽¹⁾ :02835-02850 02835:CH1 02836:CH2 02837:CH3 02838:CH4 02839:CH5 02840:CH6 02841:CH7 02842:CH8 02843:CH9 02844:CH10 02845:CH11 02846:CH12 02847:CH13 02848:CH14 02849:CH15 02850:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** ⁽¹⁾ :02851-02866 02851:CH1 02852:CH2 02853:CH3 02854:CH4 02855:CH5 02856:CH6 02857:CH7 02858:CH8 02859:CH9 02860:CH10 02861:CH11 02862:CH12 02863:CH13 02864:CH14 02865:CH15 02866:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (6/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :03196 ***** ⁽²⁾ : 00000:Normal 00001:Alarm ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** ⁽¹⁾ :02800 ***** ⁽²⁾ : 00001:Alarm CH 00002:Alarm plus ** ⁽³⁾ :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** ⁽¹⁾ :02801 ***** ⁽²⁾ : 00000:0 sec 00001:1 sec 00002:2 sec 00003:3 sec 00004:4 sec 00005:5 sec 00006:6 sec 00007:7 sec 00008:8 sec 00009:9 sec 00010:10 sec 00015:15 sec 00020:20 sec 00030:30 sec 00040:40 sec 00050:50 sec 00060:60 sec 00090:90 sec 00120:120 sec 00150:150 sec 00180:180 sec ** ⁽³⁾ :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** ⁽¹⁾ :02802 ***** ⁽²⁾ : 00000:Manual 00002:2 sec 00005:5 sec 00010:10 sec 00015:15 sec 00030:30 sec 00045:45 sec 00060:1 min 00120:2 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min 03600:60 min ** ⁽³⁾ :Error type (Refer to page 4.)
Alarm Camera Setting	↑	↑	***** ⁽¹⁾ :02867-03122 02867-02882:sensor number 1/camera number CH1-CH16 02883-02898:sensor number 2/camera number CH1-CH16 02899-02914:sensor number 3/camera number CH1-CH16 02915-02930:sensor number 4/camera number CH1-CH16 02931-02946:sensor number 5/camera number CH1-CH16 02947-02962:sensor number 6/camera number CH1-CH16 02963-02978:sensor number 7/camera number CH1-CH16 02979-02994:sensor number 8/camera number CH1-CH16 02995-03010:sensor number 9/camera number CH1-CH16 03011-03026:sensor number 10/camera number CH1-CH16 03027-03042:sensor number 11/camera number CH1-CH16 03043-03058:sensor number 12/camera number CH1-CH16 03059-03074:sensor number 13/camera number CH1-CH16 03075-03090:sensor number 14/camera number CH1-CH16 03091-03106:sensor number 15/camera number CH1-CH16 03107-03122:sensor number 16/camera number CH1-CH16 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)	
Alarm Trigger In/Out	Trigger	↑	↑	***** ⁽¹⁾ :03123-03138 03123:CH1 03124:CH2 03125:CH3 03126:CH4 03127:CH5 03128:CH6 03129:CH7 03130:CH8 03131:CH9 03132:CH10 03133:CH11 03134:CH12 03135:CH13 03136:CH14 03137:CH15 03138:CH16 ***** ⁽²⁾ :00000-00006 00000:External / MD-A 00001:External / MD-B 00002:External & MD-A 00003:External & MD-B 00004:External 00005:MD-A 00006:MD-B ** ⁽³⁾ :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** ⁽¹⁾ :03180-03195 03180:CH1 03181:CH2 03182:CH3 03183:CH4 03184:CH5 03185:CH6 03186:CH7 03187:CH8 03188:CH9 03189:CH10 03190:CH11 03191:CH12 03192:CH13 03193:CH14 03194:CH15 03195:CH16 ***** ⁽²⁾ :00000-00016 00000:- - - 00001:Preset1 00002:Preset2 00003:Preset3 00004:Preset4 00005:Preset5 00006:Preset6 00007:Preset7 00008:Preset8 00009:Preset9 00010:Preset10 00011:Preset11 00012:Preset12 00013:Preset13 00014:Preset14 00015:Preset15 00016:Preset16 ** ⁽³⁾ :Error type (Refer to page 4.)

Set Recording Pattern C (Timer) (continued)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (7/9)

Menu	Menu item	Command	Status	Note	
Set Recording Pattern D (Timer)	Normal Recording Menu	Frame / Field	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ***** ⁽²⁾ [E2]	***** ⁽¹⁾ :03539-03554 03539:CH1 03540:CH2 03541:CH3 03542:CH4 03543:CH5 03544:CH6 03545:CH7 03546:CH8 03547:CH9 03548:CH10 03549:CH11 03550:CH12 03551:CH13 03552:CH14 03553:CH15 03554:CH16 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** ⁽¹⁾ :03203-03218 03203:CH1 03204:CH2 03205:CH3 03206:CH4 03207:CH5 03208:CH6 03209:CH7 03210:CH8 03211:CH9 03212:CH10 03213:CH11 03214:CH12 03215:CH13 03216:CH14 03217:CH15 03218:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** ⁽¹⁾ :03219-03234 03219:CH1 03220:CH2 03221:CH3 03222:CH4 03223:CH5 03224:CH6 03225:CH7 03226:CH8 03227:CH9 03228:CH10 03229:CH11 03230:CH12 03231:CH13 03232:CH14 03233:CH15 03234:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Recording Menu	Frame / Field	↑	↑	***** ⁽¹⁾ :03555-03570 03555:CH1 03556:CH2 03557:CH3 03558:CH4 03559:CH5 03560:CH6 03561:CH7 03562:CH8 03563:CH9 03564:CH10 03565:CH11 03566:CH12 03567:CH13 03568:CH14 03569:CH15 03570:CH16 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)
		Recording Rate	↑	↑	***** ⁽¹⁾ :03235-03250 03235:CH1 03236:CH2 03237:CH3 03238:CH4 03239:CH5 03240:CH6 03241:CH7 03242:CH8 03243:CH9 03244:CH10 03245:CH11 03246:CH12 03247:CH13 03248:CH14 03249:CH15 03250:CH16 ***** ⁽²⁾ : <For DX-TL5000E> 00002:25 pps 00004:12.5 pps 00006:8.333 pps 00008:6.25 pps 00010:5 pps 00012:4.167 pps 00016:3.125 pps 00020:2.5 pps 00050:1 pps 00100:0.5 pps 00200:0.25 pps 00400:0.125 pps 65535:- - - - <For DX-TL5000U> 00002:30 pps 00004:15 pps 00006:10 pps 00008:7.5 pps 00010:6 pps 00012:5 pps 00020:3 pps 00030:2 pps 00060:1 pps 00120:0.5 pps 00240:0.25 pps 00480:0.125 pps 65535:- - - - ** ⁽³⁾ :Error type (Refer to page 4.)
		Picture Grade	↑	↑	***** ⁽¹⁾ :03251-03266 03251:CH1 03252:CH2 03253:CH3 03254:CH4 03255:CH5 03256:CH6 03257:CH7 03258:CH8 03259:CH9 03260:CH10 03261:CH11 03262:CH12 03263:CH13 03264:CH14 03265:CH15 03266:CH16 ***** ⁽²⁾ :00000-00005 00000:Super 00001:Fine 00002:High 00003:Standard 00004:Basic 00005:Long ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (8/9)

Menu	Menu item	Command	Status	Note
Alarm Recording Menu	Motion Detection Recording	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :03596 ***** ⁽²⁾ : 0000:Normal 00001:Alarm ** ⁽³⁾ :Error type (Refer to page 4.)
	Alarm Mode	↑	↑	***** ⁽¹⁾ :03200 ***** ⁽²⁾ : 00001:Alarm CH 00002:Alarm plus ** ⁽³⁾ :Error type (Refer to page 4.)
	Pre-Alarm Duration	↑	↑	***** ⁽¹⁾ :03201 ***** ⁽²⁾ : 0000:0 sec 00001:1 sec 00002:2 sec 00003:3 sec 00004:4 sec 00005:5 sec 00006:6 sec 00007:7 sec 00008:8 sec 00009:9 sec 00010:10 sec 00015:15 sec 00020:20 sec 00030:30 sec 00040:40 sec 00050:50 sec 00060:60 sec 00090:90 sec 00120:120 sec 00150:150 sec 00180:180 sec ** ⁽³⁾ :Error type (Refer to page 4.)
	Post-Alarm Duration	↑	↑	***** ⁽¹⁾ :03202 ***** ⁽²⁾ : 0000:Manual 00002:2 sec 00005:5 sec 00010:10 sec 00015:15 sec 00030:30 sec 00045:45 sec 00060:1 min 00120:2 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min 03600:60 min ** ⁽³⁾ :Error type (Refer to page 4.)
Alarm Camera Setting	↑	↑	***** ⁽¹⁾ :03267-03522 03267-03282:sensor number 1/camera number CH1-CH16 03283-03298:sensor number 2/camera number CH1-CH16 03299-03314:sensor number 3/camera number CH1-CH16 03315-03330:sensor number 4/camera number CH1-CH16 03331-03346:sensor number 5/camera number CH1-CH16 03347-03362:sensor number 6/camera number CH1-CH16 03363-03378:sensor number 7/camera number CH1-CH16 03379-03394:sensor number 8/camera number CH1-CH16 03395-03410:sensor number 9/camera number CH1-CH16 03411-03426:sensor number 10/camera number CH1-CH16 03427-03442:sensor number 11/camera number CH1-CH16 03443-03458:sensor number 12/camera number CH1-CH16 03459-03474:sensor number 13/camera number CH1-CH16 03475-03490:sensor number 14/camera number CH1-CH16 03491-03506:sensor number 15/camera number CH1-CH16 03507-03522:sensor number 16/camera number CH1-CH16 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)	
Alarm Trigger In/Out	Trigger	↑	↑	***** ⁽¹⁾ :03523-03538 03523:CH1 03524:CH2 03525:CH3 03526:CH4 03527:CH5 03528:CH6 03529:CH7 03530:CH8 03531:CH9 03532:CH10 03533:CH11 03534:CH12 03535:CH13 03536:CH14 03537:CH15 03538:CH16 ***** ⁽²⁾ :00000-00006 00000:External / MD-A 00001:External / MD-B 00002:External & MD-A 00003:External & MD-B 00004:External 00005:MD-A 00006:MD-B ** ⁽³⁾ :Error type (Refer to page 4.)
	PTZ Camera Preset	↑	↑	***** ⁽¹⁾ :03580-03595 03580:CH1 03581:CH2 03582:CH3 03583:CH4 03584:CH5 03585:CH6 03586:CH7 03587:CH8 03588:CH9 03589:CH10 03590:CH11 03591:CH12 03592:CH13 03593:CH14 03594:CH15 03595:CH16 ***** ⁽²⁾ :00000-00016 00000:- - - 00001:Preset1 00002:Preset2 00003:Preset3 00004:Preset4 00005:Preset5 00006:Preset6 00007:Preset7 00008:Preset8 00009:Preset9 00010:Preset10 00011:Preset11 00012:Preset12 00013:Preset13 00014:Preset14 00015:Preset15 00016:Preset16 ** ⁽³⁾ :Error type (Refer to page 4.)

Set Recording Pattern D (Timer) (continued)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Record> (9/9)

Menu	Menu item	Command	Status	Note
Emergency Recording Setup	Frame / Field	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :03618 ***** ⁽²⁾ : 00000:Field 00001:Frame ** ⁽³⁾ :Error type (Refer to page 4.)
	Pre-alarm Duration	↑	↑	***** ⁽¹⁾ :03600 ***** ⁽²⁾ : 00000:0 min 00060:1 min 00120:2 min 00180:3 min 00240:4 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min 02400:40 min 03000:50 min 03600:60 min ** ⁽³⁾ :Error type (Refer to page 4.)
	Post-alarm Duration	↑	↑	***** ⁽¹⁾ :03601 ***** ⁽²⁾ : 00060:1 min 00120:2 min 00180:3 min 00240:4 min 00300:5 min 00600:10 min 00900:15 min 01200:20 min 01800:30 min 02400:40 min 03000:50 min 03600:60 min ** ⁽³⁾ :Error type (Refer to page 4.)
	Maximum Recording Rate for All Cameras	↑	↑	***** ⁽¹⁾ :03619 ***** ⁽²⁾ : <For DX-TL5000E> 00050:50 pps 00100:100 pps 00150:150 pps 00200:200 pps <For DX-TL5000U> 00060:60 pps 00120:120 pps 00180:180 pps 00240:240 pps ** ⁽³⁾ :Error type (Refer to page 4.)
	Camera Setting	↑	↑	***** ⁽¹⁾ :03602-03617 03602:CH1 03603:CH2 03604:CH3 03605:CH4 03606:CH5 03607:CH6 03608:CH7 03609:CH8 03610:CH9 03611:CH10 03612:CH11 03613:CH12 03614:CH13 03615:CH14 03616:CH15 03617:CH16 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
Audio Recording Setup	Audio Record	↑	↑	***** ⁽¹⁾ :03700-03703 03700:Channel 1 03701:Channel 2 03702:Channel 3 03703:Channel 4 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
	Audio Recording Mode	↑	↑	***** ⁽¹⁾ :03704 ***** ⁽²⁾ : 00000:Normal 00001:Alarm ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Timer> (1/3)

Menu	Menu item	Command	Status	Note
Program Selection and Program Overview	Select program number to be used	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :12200 ***** ⁽²⁾ : 0000:Program 1 00001:Program 2 ** ⁽³⁾ :Error type (Refer to page 4.)
Configure Timer Program 1	Day of The Week	↑	↑	***** ⁽¹⁾ : 12205:Line 1 12220:Line 2 12235:Line 3 12250:Line 4 12265:Line 5 12280:Line 6 12295:Line 7 12310:Line 8 ***** ⁽²⁾ : 0000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday 00010:Special 00011:Holiday 00012:Everyday 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Start time/hour	↑	↑	***** ⁽¹⁾ : 12206:Line 1 12221:Line 2 12236:Line 3 12251:Line 4 12266:Line 5 12281:Line 6 12296:Line 7 12311:Line 8 ***** ⁽²⁾ : 00000-00023:00-23 (hour) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Start time/minute	↑	↑	***** ⁽¹⁾ : 12207:Line 1 12222:Line 2 12237:Line 3 12252:Line 4 12267:Line 5 12282:Line 6 12297:Line 7 12312:Line 8 ***** ⁽²⁾ : 00000-00059:00-59 (minute) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	End time/hour	↑	↑	***** ⁽¹⁾ : 12208:Line 1 12223:Line 2 12238:Line 3 12253:Line 4 12268:Line 5 12283:Line 6 12298:Line 7 12313:Line 8 ***** ⁽²⁾ : 00000-00023:00-23 (hour) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	End time/minute	↑	↑	***** ⁽¹⁾ : 12209:Line 1 12224:Line 2 12239:Line 3 12254:Line 4 12269:Line 5 12284:Line 6 12299:Line 7 12314:Line 8 ***** ⁽²⁾ : 00000-00059:00-59 (minute) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Program Mode	↑	↑	***** ⁽¹⁾ : 12210:Line 1 12225:Line 2 12240:Line 3 12255:Line 4 12270:Line 5 12285:Line 6 12300:Line 7 12315:Line 8 ***** ⁽²⁾ : 00001:Record A 00002:Record B 00003:Record C 00004:Record D 00008:Skip 00016:Copy 2 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Motion Detection	↑	↑	***** ⁽¹⁾ : 12211:Line 1 12226:Line 2 12241:Line 3 12256:Line 4 12271:Line 5 12286:Line 6 12301:Line 7 12316:Line 8 ***** ⁽²⁾ : 00000:Off 00001:On 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Special Day/Start (Common to all the lines)	↑	↑	***** ⁽¹⁾ :12212 ***** ⁽²⁾ :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** ⁽³⁾ :Error type (Refer to page 4.)
	Special Day/End (Common to all the lines)	↑	↑	***** ⁽¹⁾ :12213 ***** ⁽²⁾ :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** ⁽³⁾ :Error type (Refer to page 4.)







Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Timer> (2/3)

Menu	Menu item	Command	Status	Note
Configure Timer Program 2	Day of The Week	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ : 12325:Line 1 12340:Line 2 12355:Line 3 12370:Line 4 12385:Line 5 12400:Line 6 12415:Line 7 12430:Line 8 ***** ⁽²⁾ : 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday 00010:Special 00011:Holiday 00012:Everyday 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Start time/hour	↑	↑	***** ⁽¹⁾ : 12326:Line 1 12341:Line 2 12356:Line 3 12371:Line 4 12386:Line 5 12401:Line 6 12416:Line 7 12431:Line 8 ***** ⁽²⁾ : 00000-00023:00-23 (hour) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Start time/minute	↑	↑	***** ⁽¹⁾ : 12327:Line 1 12342:Line 2 12357:Line 3 12372:Line 4 12387:Line 5 12402:Line 6 12417:Line 7 12432:Line 8 ***** ⁽²⁾ : 00000-00059:00-59 (minute) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	End time/hour	↑	↑	***** ⁽¹⁾ : 12328:Line 1 12343:Line 2 12358:Line 3 12373:Line 4 12388:Line 5 12403:Line 6 12418:Line 7 12433:Line 8 ***** ⁽²⁾ : 00000-00023:00-23 (hour) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	End time/minute	↑	↑	***** ⁽¹⁾ : 12329:Line 1 12344:Line 2 12359:Line 3 12374:Line 4 12389:Line 5 12404:Line 6 12419:Line 7 12434:Line 8 ***** ⁽²⁾ : 00000-00059:00-59 (minute) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Program Mode	↑	↑	***** ⁽¹⁾ : 12330:Line 1 12345:Line 2 12360:Line 3 12375:Line 4 12390:Line 5 12405:Line 6 12420:Line 7 12435:Line 8 ***** ⁽²⁾ : 00001:Record A 00002:Record B 00003:Record C 00004:Record D 00008:Skip 00016:Copy 2 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Motion Detection	↑	↑	***** ⁽¹⁾ : 12331:Line 1 12346:Line 2 12361:Line 3 12376:Line 4 12391:Line 5 12406:Line 6 12421:Line 7 12436:Line 8 ***** ⁽²⁾ : 00000:Off 00001:On 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)
	Special Day/Start (Common to all the Line s)	↑	↑	***** ⁽¹⁾ :12332 ***** ⁽²⁾ :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** ⁽³⁾ :Error type (Refer to page 4.)
	Special Day/End (Common to all the Line s)	↑	↑	***** ⁽¹⁾ :12333 ***** ⁽²⁾ :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Timer> (3/3)

Menu	Menu item	Command	Status	Note
Define Holidays		<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾  <Inquiry for setting information> DR,***** ⁽¹⁾ 	<Writing of menu information> RC  EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾  <Reading of menu information> RC  EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ 	***** ⁽¹⁾ :12500-12539 12500:Month 12501:Day (1-1) (horizontal line-vertical line) 12502:Month 12503:Day (1-2) 12504:Month 12505:Day (1-3) 12506:Month 12507:Day (1-4) 12508:Month 12509:Day (2-1) 12510:Month 12511:Day (2-2) 12512:Month 12513:Day (2-3) 12514:Month 12515:Day (2-4) 12516:Month 12517:Day (3-1) 12518:Month 12519:Day (3-2) 12520:Month 12521:Day (3-3) 12522:Month 12523:Day (3-4) 12524:Month 12525:Day (4-1) 12526:Month 12527:Day (4-2) 12528:Month 12529:Day (4-3) 12530:Month 12531:Day (4-4) 12532:Month 12533:Day (5-1) 12534:Month 12535:Day (5-2) 12536:Month 12537:Day (5-3) 12538:Month 12539:Day (5-4) ***** ⁽²⁾ : 00001-00012:1-12 (month) 00255:- - 00001-00031:1st-31st (day) 00255:- - ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Motion Det>

Menu	Menu item	Command	Status	Note
Set Motion Detection Pattern A	Sensitivity	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ : 04000:1CH 04100:2CH 04200:3CH 04300:4CH 04400:5CH 04500:6CH 04600:7CH 04700:8CH 04800:9CH 04900:10CH 05000:11CH 05100:12CH 05200:13CH 05300:14CH 05400:15CH 05500:16CH ***** ⁽²⁾ :00000-00004 00000:Low 00001:Mid Low 00002:Mid 00003:Mid High 00004:High ** ⁽³⁾ :Error type (Refer to page 4.)
	Motion Threshold	↑	↑	***** ⁽¹⁾ : 04001:1CH 04101:2CH 04201:3CH 04301:4CH 04401:5CH 04501:6CH 04601:7CH 04701:8CH 04801:9CH 04901:10CH 05001:11CH 05101:12CH 05201:13CH 05301:14CH 05401:15CH 05501:16CH <For DX-TL5000E> ***** ⁽²⁾ :00001-00506 (point) <For DX-TL5000U> ***** ⁽²⁾ :00001-00418 (point) ** ⁽³⁾ :Error type (Refer to page 4.)
	Reference Interval Time	↑	↑	***** ⁽¹⁾ : 04002:1CH 04102:2CH 04202:3CH 04302:4CH 04402:5CH 04502:6CH 04602:7CH 04702:8CH 04802:9CH 04902:10CH 05002:11CH 05102:12CH 05202:13CH 05302:14CH 05402:15CH 05502:16CH ***** ⁽²⁾ : 00025:0.25 sec 00050:0.5 sec 00100:1 sec 00200:2 sec ** ⁽³⁾ :Error type (Refer to page 4.)
Set Motion Detection Pattern B	Sensitivity	↑	↑	***** ⁽¹⁾ : 05600:1CH 05700:2CH 05800:3CH 05900:4CH 06000:5CH 06100:6CH 06200:7CH 06300:8CH 06400:9CH 06500:10CH 06600:11CH 06700:12CH 06800:13CH 06900:14CH 07000:15CH 07100:16CH ***** ⁽²⁾ :00000-00004 00000:Low 00001:Mid Low 00002:Mid 00003:Mid High 00004:High ** ⁽³⁾ :Error type (Refer to page 4.)
	Motion Threshold	↑	↑	***** ⁽¹⁾ : 05601:1CH 05701:2CH 05801:3CH 05901:4CH 06001:5CH 06101:6CH 06201:7CH 06301:8CH 06401:9CH 06501:10CH 06601:11CH 06701:12CH 06801:13CH 06901:14CH 07001:15CH 07101:16CH <For DX-TL5000E> ***** ⁽²⁾ :00001-00506 (point) <For DX-TL5000U> ***** ⁽²⁾ :00001-00418 (point) ** ⁽³⁾ :Error type (Refer to page 4.)
	Reference Interval Time	↑	↑	***** ⁽¹⁾ : 05602:1CH 05702:2CH 05802:3CH 05902:4CH 06002:5CH 06102:6CH 06202:7CH 06302:8CH 06402:9CH 06502:10CH 06602:11CH 06702:12CH 06802:13CH 06902:14CH 07002:15CH 07102:16CH ***** ⁽²⁾ : 00025:0.25 sec 00050:0.5 sec 00100:1 sec 00200:2 sec ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <System> (1/7)

Menu	Menu item	Command	Status	Note	
Time/Date Setting	year	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :00010 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)	
	month	↑	↑	***** ⁽¹⁾ :00011 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)	
	day	↑	↑	***** ⁽¹⁾ :00012 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)	
	hour	↑	↑	***** ⁽¹⁾ :00013 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)	
	minute	↑	↑	***** ⁽¹⁾ :00014 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)	
	second	↑	↑	***** ⁽¹⁾ :00015 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)	
Day Light Saving Setting	Day Light Saving Setting	↑	↑	***** ⁽¹⁾ :00016 ***** ⁽²⁾ : 00000:Off 00001:Auto ** ⁽³⁾ :Error type (Refer to page 4.)	
	In/Day of week	↑	↑	***** ⁽¹⁾ :00017 ***** ⁽²⁾ :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** ⁽³⁾ :Error type (Refer to page 4.)	
	In/Week	↑	↑	***** ⁽¹⁾ :00018 ***** ⁽²⁾ :00001-00005 00001:1st 00002:2nd 00003:3rd 00004:4th 00005:Last ** ⁽³⁾ :Error type (Refer to page 4.)	
	In/Month	↑	↑	***** ⁽¹⁾ :00019 ***** ⁽²⁾ :00001-00012 00001:Jan 00002:Feb 00003:Mar 00004:Apr 00005:May 00006:Jun 00007:Jul 00008:Aug 00009:Sep 00010:Oct 00011:Nov 00012:Dec ** ⁽³⁾ :Error type (Refer to page 4.)	
	In/Hour	↑	↑	***** ⁽¹⁾ :00020 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)	
	In/Minute	↑	↑	***** ⁽¹⁾ :00021 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)	
	Out/Day of week	↑	↑	***** ⁽¹⁾ :00022 ***** ⁽²⁾ :00000-00006 00000:Sunday 00001:Monday 00002:Tuesday 00003:Wednesday 00004:Thursday 00005:Friday 00006:Saturday ** ⁽³⁾ :Error type (Refer to page 4.)	
	Out/Week	↑	↑	***** ⁽¹⁾ :00023 ***** ⁽²⁾ :00001-00005 00001:1st 00002:2nd 00003:3rd 00004:4th 00005:Last ** ⁽³⁾ :Error type (Refer to page 4.)	
	Out/Month	↑	↑	***** ⁽¹⁾ :00024 ***** ⁽²⁾ :00001-00012 00001:Jan 00002:Feb 00003:Mar 00004:Apr 00005:May 00006:Jun 00007:Jul 00008:Aug 00009:Sep 00010:Oct 00011:Nov 00012:Dec ** ⁽³⁾ :Error type (Refer to page 4.)	
	Out/Hour	↑	↑	***** ⁽¹⁾ :00025 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)	
	Out/Minute	↑	↑	***** ⁽¹⁾ :00026 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)	

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <System> (2/7)

Menu	Menu item	Command	Status	Note
Menu Language Selection		<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :0000 <For DX-TL5000E> ***** ⁽²⁾ : 00032:ENGLISH 00033:FRANÇAIS 00034:DEUTSCH 00035:ESPAÑOL 00036:РУССКИЙ 00037:ITALIANO <For DX-TL5000U> ***** ⁽²⁾ : 00016:ENGLISH 00017:FRANÇAIS 00018:ESPAÑOL ** ⁽³⁾ :Error type (Refer to page 4.)
Rear Terminal Setting	Trigger	↑	↑	***** ⁽¹⁾ :00040-00043 00040:Mode Out 1 00041:Mode Out 2 00042:Mode Out 3 00043:Mode Out 4 ***** ⁽²⁾ : 00000:Off 00001:Recording 00002:Playing 00003:Low Memory 00004:Power 00009:Alarm 00010:LAN ** ⁽³⁾ :Error type (Refer to page 4.)
	Polarity	↑	↑	***** ⁽¹⁾ :00036-00039 00036:Mode Out 1 00037:Mode Out 2 00038:Mode Out 3 00039:Mode Out 4 ***** ⁽²⁾ : 00000:Open 00001:Close ** ⁽³⁾ :Error type (Refer to page 4.)
	Low Memory Alarm Setting/ Device	↑	↑	***** ⁽¹⁾ :00044 ***** ⁽²⁾ :00000-00004 00000:Off 00001:Main-Normal 00002:Main-Alarm 00003:Copy 2 00004:Main-LPA ** ⁽³⁾ :Error type (Refer to page 4.)
	Low Memory Alarm Setting/ Low Memory	↑	↑	***** ⁽¹⁾ :00045 ***** ⁽²⁾ : 00002:2% 00004:4% 00006:6% 00008:8% 00010:10% 00015:15% 00020:20% 00030:30% 00040:40% 00050:50% ** ⁽³⁾ :Error type (Refer to page 4.)
	Call out Settings	↑	↑	***** ⁽¹⁾ :00050-00053 00050:Normal Recording Area 00051:Alarm Recording Area 00052:LPA Recording Area 00053:Copy 2 ***** ⁽²⁾ : 00000:0% 00002:2% 00004:4% 00006:6% 00008:8% 00010:10% 00015:15% 00020:20% 00030:30% 00040:40% 00050:50% 00255:Off ** ⁽³⁾ :Error type (Refer to page 4.)
	Key Sound	↑	↑	***** ⁽¹⁾ :00046 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
	Buzzer	↑	↑	***** ⁽¹⁾ :00047 ***** ⁽²⁾ :00000-00004 00000:Off 00001:Remain 00002:Warning 00003:Alarm 00004:LAN ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <System> (3/7)

Menu	Menu item	Command	Status	Note																																	
Multiplexer Setting	Split 4 screen	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [E] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E] <Reading of menu information> RC [E] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E]	<Split 4a screen> ***** ⁽¹⁾ :01100-01103 <table border="1"> <tr><td>01100</td><td>01101</td></tr> <tr><td>01102</td><td>01103</td></tr> </table>	01100	01101	01102	01103	<Split 4b screen> ***** ⁽¹⁾ :01104-01107 <table border="1"> <tr><td>01104</td><td>01105</td></tr> <tr><td>01106</td><td>01107</td></tr> </table>	01104	01105	01106	01107																								
				01100	01101																																
				01102	01103																																
				01104	01105																																
01106	01107																																				
<Split 4c screen> ***** ⁽¹⁾ :01108-01111 <table border="1"> <tr><td>01108</td><td>01109</td></tr> <tr><td>01110</td><td>01111</td></tr> </table>	01108	01109	01110	01111	<Split 4d screen> ***** ⁽¹⁾ :01112-01115 <table border="1"> <tr><td>01112</td><td>01113</td></tr> <tr><td>01114</td><td>01115</td></tr> </table>	01112	01113	01114	01115																												
01108	01109																																				
01110	01111																																				
01112	01113																																				
01114	01115																																				
***** ⁽²⁾ :00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off																																					
** ⁽³⁾ :Error type (Refer to page 4.)																																					
Output A Settings	Split 9 screen	↑	↑	<Split 9a screen> ***** ⁽¹⁾ :01116-01124 <table border="1"> <tr><td>01116</td><td>01117</td><td>01118</td></tr> <tr><td>01119</td><td>01120</td><td>01121</td></tr> <tr><td>01122</td><td>01123</td><td>01124</td></tr> </table>	01116	01117	01118	01119	01120	01121	01122	01123	01124	<Split 9b screen> ***** ⁽¹⁾ :01125-01133 <table border="1"> <tr><td>01125</td><td>01126</td><td>01127</td></tr> <tr><td>01128</td><td>01129</td><td>01130</td></tr> <tr><td>01131</td><td>01132</td><td>01133</td></tr> </table>	01125	01126	01127	01128	01129	01130	01131	01132	01133														
				01116	01117	01118																															
				01119	01120	01121																															
				01122	01123	01124																															
01125	01126	01127																																			
01128	01129	01130																																			
01131	01132	01133																																			
***** ⁽²⁾ :00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off																																					
** ⁽³⁾ :Error type (Refer to page 4.)																																					
Output A Settings	Split 10 screen	↑	↑	<Split 10a screen> ***** ⁽¹⁾ :01134-01143 <table border="1"> <tr><td>01134</td><td>01135</td></tr> <tr><td>01136</td><td>01137</td><td>01138</td><td>01139</td></tr> <tr><td>01140</td><td>01141</td><td>01142</td><td>01143</td></tr> </table>	01134	01135	01136	01137	01138	01139	01140	01141	01142	01143	<Split 10b screen> ***** ⁽¹⁾ :01144-01153 <table border="1"> <tr><td>01144</td><td>01145</td></tr> <tr><td>01146</td><td>01147</td><td>01148</td><td>01149</td></tr> <tr><td>01150</td><td>01151</td><td>01152</td><td>01153</td></tr> </table>	01144	01145	01146	01147	01148	01149	01150	01151	01152	01153												
				01134	01135																																
				01136	01137	01138	01139																														
				01140	01141	01142	01143																														
01144	01145																																				
01146	01147	01148	01149																																		
01150	01151	01152	01153																																		
***** ⁽²⁾ :00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off																																					
** ⁽³⁾ :Error type (Refer to page 4.)																																					
Output A Settings	Split 13 screen	↑	↑	<Split 13a screen> ***** ⁽¹⁾ :01154-01166 <table border="1"> <tr><td>01154</td><td>01155</td><td>01156</td><td>01157</td></tr> <tr><td>01158</td><td></td><td>01159</td><td>01160</td></tr> <tr><td>01161</td><td></td><td>01162</td><td></td></tr> <tr><td>01163</td><td>01164</td><td>01165</td><td>01166</td></tr> </table>	01154	01155	01156	01157	01158		01159	01160	01161		01162		01163	01164	01165	01166	<Split 13b screen> ***** ⁽¹⁾ :01167-01179 <table border="1"> <tr><td>01167</td><td>01168</td><td>01169</td><td>01170</td></tr> <tr><td>01171</td><td></td><td>01172</td><td>01173</td></tr> <tr><td>01174</td><td></td><td></td><td>01175</td></tr> <tr><td>01176</td><td>01177</td><td>01178</td><td>01179</td></tr> </table>	01167	01168	01169	01170	01171		01172	01173	01174			01175	01176	01177	01178	01179
				01154	01155	01156	01157																														
				01158		01159	01160																														
				01161		01162																															
01163	01164	01165	01166																																		
01167	01168	01169	01170																																		
01171		01172	01173																																		
01174			01175																																		
01176	01177	01178	01179																																		
***** ⁽²⁾ :00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off																																					
** ⁽³⁾ :Error type (Refer to page 4.)																																					

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <System> (4/7)

Menu	Menu item	Command	Status	Note																	
Multiplexer Setting (continued)	Output A Settings	Split 16 screen	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	<Split 16 screen> ***** ⁽¹⁾ :01180-01195 <table border="1"> <tr><td>01180</td><td>01181</td><td>01182</td><td>01183</td></tr> <tr><td>01184</td><td>01185</td><td>01186</td><td>01187</td></tr> <tr><td>01188</td><td>01189</td><td>01190</td><td>01191</td></tr> <tr><td>01192</td><td>01193</td><td>01194</td><td>01195</td></tr> </table> ***** ⁽²⁾ :00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off ** ⁽³⁾ :Error type (Refer to page 4.)	01180	01181	01182	01183	01184	01185	01186	01187	01188	01189	01190	01191	01192	01193	01194	01195
		01180	01181	01182	01183																
		01184	01185	01186	01187																
		01188	01189	01190	01191																
		01192	01193	01194	01195																
		Sequence/ Single	↑	↑	***** ⁽¹⁾ :01200-01215 01200:display order 1 01201:display order 2 01202:display order 3 01203:display order 4 01204:display order 5 01205:display order 6 01206:display order 7 01207:display order 8 01208:display order 9 01209:display order 10 01210:display order 11 01211:display order 12 01212:display order 13 01213:display order 14 01214:display order 15 01215:display order 16 ***** ⁽²⁾ :00000-00015 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 ** ⁽³⁾ :Error type (Refer to page 4.)																
		Sequence/ Split 4 screen	↑	↑	***** ⁽¹⁾ :01232 ***** ⁽²⁾ :00000-00003 00000:a 00001:ab 00002:abc 00003:abcd ** ⁽³⁾ :Error type (Refer to page 4.)																
		Sequence/ Split 9 screen	↑	↑	***** ⁽¹⁾ :01240 ***** ⁽²⁾ : 00000:a 00001:ab ** ⁽³⁾ :Error type (Refer to page 4.)																
Sequence/ Split 10 screen	↑	↑	***** ⁽¹⁾ :01244 ***** ⁽²⁾ : 00000:a 00001:ab ** ⁽³⁾ :Error type (Refer to page 4.)																		
Sequence/ Split 13 screen	↑	↑	***** ⁽¹⁾ :01248 ***** ⁽²⁾ : 00000:a 00001:ab ** ⁽³⁾ :Error type (Refer to page 4.)																		
Sequence/Time	↑	↑	***** ⁽¹⁾ :01216 ***** ⁽²⁾ : 00001-00030:1-30 s ** ⁽³⁾ :Error type (Refer to page 4.)																		
Multiplexer Setting (continued)	Output B Settings	Split 4 screen	↑	↑	<Split 4a screen> <Split 4b screen> ***** ⁽¹⁾ :01300-01303 ***** ⁽¹⁾ :01304-01307 <table border="1"> <tr><td>01300</td><td>01301</td></tr> <tr><td>01302</td><td>01303</td></tr> </table> <table border="1"> <tr><td>01304</td><td>01305</td></tr> <tr><td>01306</td><td>01307</td></tr> </table> <Split 4c screen> <Split 4d screen> ***** ⁽¹⁾ :01308-01311 ***** ⁽¹⁾ :01312-01315 <table border="1"> <tr><td>01308</td><td>01309</td></tr> <tr><td>01310</td><td>01311</td></tr> </table> <table border="1"> <tr><td>01312</td><td>01313</td></tr> <tr><td>01314</td><td>01315</td></tr> </table> ***** ⁽²⁾ :00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off ** ⁽³⁾ :Error type (Refer to page 4.)	01300	01301	01302	01303	01304	01305	01306	01307	01308	01309	01310	01311	01312	01313	01314	01315
		01300	01301																		
01302	01303																				
01304	01305																				
01306	01307																				
01308	01309																				
01310	01311																				
01312	01313																				
01314	01315																				

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <System> (5/7)

Menu	Menu item	Command	Status	Note																															
Multiplexer Setting (continued)	Split 9 screen	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	<p><Split 9a screen> *****⁽¹⁾:01316-01324</p> <table border="1"> <tr><td>01316</td><td>01317</td><td>01318</td></tr> <tr><td>01319</td><td>01320</td><td>01321</td></tr> <tr><td>01322</td><td>01323</td><td>01324</td></tr> </table> <p>*****⁽²⁾:00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off **⁽³⁾:Error type (Refer to page 4.)</p> <p><Split 9b screen> *****⁽¹⁾:01325-01333</p> <table border="1"> <tr><td>01325</td><td>01326</td><td>01327</td></tr> <tr><td>01328</td><td>01329</td><td>01330</td></tr> <tr><td>01331</td><td>01332</td><td>01333</td></tr> </table>	01316	01317	01318	01319	01320	01321	01322	01323	01324	01325	01326	01327	01328	01329	01330	01331	01332	01333													
	01316	01317	01318																																
	01319	01320	01321																																
	01322	01323	01324																																
01325	01326	01327																																	
01328	01329	01330																																	
01331	01332	01333																																	
Split 10 screen	†	†	<p><Split 10a screen> *****⁽¹⁾:01334-01343</p> <table border="1"> <tr><td>01334</td><td>01335</td></tr> <tr><td>01336</td><td>01337</td><td>01338</td><td>01339</td></tr> <tr><td>01340</td><td>01341</td><td>01342</td><td>01343</td></tr> </table> <p>*****⁽²⁾:00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off **⁽³⁾:Error type (Refer to page 4.)</p> <p><Split 10b screen> *****⁽¹⁾:01344-01353</p> <table border="1"> <tr><td>01344</td><td>01345</td></tr> <tr><td>01346</td><td>01347</td><td>01348</td><td>01349</td></tr> <tr><td>01350</td><td>01351</td><td>01352</td><td>01353</td></tr> </table>	01334	01335	01336	01337	01338	01339	01340	01341	01342	01343	01344	01345	01346	01347	01348	01349	01350	01351	01352	01353												
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01336	01337	01338	01339																																
01340	01341	01342	01343																																
01344	01345																																		
01346	01347	01348	01349																																
01350	01351	01352	01353																																
Split 13 screen	†	†	<p><Split 13a screen> *****⁽¹⁾:01354-01366</p> <table border="1"> <tr><td>01354</td><td>01355</td><td>01356</td><td>01357</td></tr> <tr><td>01358</td><td colspan="2">01359</td><td>01360</td></tr> <tr><td>01361</td><td colspan="2"></td><td>01362</td></tr> <tr><td>01363</td><td>01364</td><td>01365</td><td>01366</td></tr> </table> <p>*****⁽²⁾:00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off **⁽³⁾:Error type (Refer to page 4.)</p> <p><Split 13b screen> *****⁽¹⁾:01367-01379</p> <table border="1"> <tr><td>01367</td><td>01368</td><td>01369</td><td>01370</td></tr> <tr><td>01371</td><td colspan="2">01372</td><td>01373</td></tr> <tr><td>01374</td><td colspan="2"></td><td>01375</td></tr> <tr><td>01376</td><td>01377</td><td>01378</td><td>01379</td></tr> </table>	01354	01355	01356	01357	01358	01359		01360	01361			01362	01363	01364	01365	01366	01367	01368	01369	01370	01371	01372		01373	01374			01375	01376	01377	01378	01379
01354	01355	01356	01357																																
01358	01359		01360																																
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01363	01364	01365	01366																																
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01371	01372		01373																																
01374			01375																																
01376	01377	01378	01379																																
Split 16 screen	†	†	<p><Split 16 screen> *****⁽¹⁾:01380-01395</p> <table border="1"> <tr><td>01380</td><td>01381</td><td>01382</td><td>01383</td></tr> <tr><td>01384</td><td>01385</td><td>01386</td><td>01387</td></tr> <tr><td>01388</td><td>01389</td><td>01390</td><td>01391</td></tr> <tr><td>01392</td><td>01393</td><td>01394</td><td>01395</td></tr> </table> <p>*****⁽²⁾:00000-00015, 00255 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00255:Off **⁽³⁾:Error type (Refer to page 4.)</p>	01380	01381	01382	01383	01384	01385	01386	01387	01388	01389	01390	01391	01392	01393	01394	01395																
01380	01381	01382	01383																																
01384	01385	01386	01387																																
01388	01389	01390	01391																																
01392	01393	01394	01395																																

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <System> (6/7)

Menu	Menu item	Command	Status	Note	
Multiplexer Setting (continued)	Output B Settings	Sequence/ Single	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :01400-01415 01400:display order 1 01401:display order 2 01402:display order 3 01403:display order 4 01404:display order 5 01405:display order 6 01406:display order 7 01407:display order 8 01408:display order 9 01409:display order 10 01410:display order 11 01411:display order 12 01412:display order 13 01413:display order 14 01414:display order 15 01415:display order 16 ***** ⁽²⁾ :00000-00015 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 ** ⁽³⁾ :Error type (Refer to page 4.)
		Sequence/ Split 4 screen	↑	↑	***** ⁽¹⁾ :01432 ***** ⁽²⁾ :00000-00003 00000:a 00001:ab 00002:abc 00003:abcd ** ⁽³⁾ :Error type (Refer to page 4.)
		Sequence/ Split 9 screen	↑	↑	***** ⁽¹⁾ :01440 ***** ⁽²⁾ : 00000:a 00001:ab ** ⁽³⁾ :Error type (Refer to page 4.)
		Sequence/ Split 10 screen	↑	↑	***** ⁽¹⁾ :01444 ***** ⁽²⁾ : 00000:a 00001:ab ** ⁽³⁾ :Error type (Refer to page 4.)
		Sequence/ Split 13 screen	↑	↑	***** ⁽¹⁾ :01448 ***** ⁽²⁾ : 00000:a 00001:ab ** ⁽³⁾ :Error type (Refer to page 4.)
		Sequence/Time	↑	↑	***** ⁽¹⁾ :01416 ***** ⁽²⁾ : 00001-00030:1-30 s ** ⁽³⁾ :Error type (Refer to page 4.)
		Alarm Display Setting/ Output Setting	↑	↑	***** ⁽¹⁾ :01468 ***** ⁽²⁾ :00000-00001, 00255 00000:Output A 00001:Output B 00255:Off ** ⁽³⁾ :Error type (Refer to page 4.)
		Alarm Display Setting/ Display	↑	↑	***** ⁽¹⁾ :01452-01467 01452:Sensor 1 01453:Sensor 2 01454:Sensor 3 01455:Sensor 4 01456:Sensor 5 01457:Sensor 6 01458:Sensor 7 01459:Sensor 8 01460:Sensor 9 01461:Sensor 10 01462:Sensor 11 01463:Sensor 12 01464:Sensor 13 01465:Sensor 14 01466:Sensor 15 01467:Sensor 16 ***** ⁽²⁾ : 00000:CH1 00001:CH2 00002:CH3 00003:CH4 00004:CH5 00005:CH6 00006:CH7 00007:CH8 00008:CH9 00009:CH10 00010:CH11 00011:CH12 00012:CH13 00013:CH14 00014:CH15 00015:CH16 00400:Multi 4a 00401:Multi 4b 00402:Multi 4c 00403:Multi 4d 00900:Multi 9a 00901:Multi 9b 01000:Multi 10a 01001:Multi 10b 01300:Multi 13a 01301:Multi 13b 01600:Multi 16 ** ⁽³⁾ :Error type (Refer to page 4.)
		Covert Camera Setting	↑	↑	***** ⁽¹⁾ :01484-01499 01484:CH1 01485:CH2 01486:CH3 01487:CH4 01488:CH5 01489:CH6 01490:CH7 01491:CH8 01492:CH9 01493:CH10 01494:CH11 01495:CH12 01496:CH13 01497:CH14 01498:CH15 01499:CH16 ***** ⁽²⁾ : 00000:On 00001:Off ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <System> (7/7)

Menu	Menu item	Command	Status	Note
On Screen Display Setting	Clock/ Display Mode	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :00003 ***** ⁽²⁾ :00000-00002 00001:Mode 1 00002:Mode 2 00000:Mode 3 ** ⁽³⁾ :Error type (Refer to page 4.)
	Clock/ Location	↑	↑	***** ⁽¹⁾ :00001 ***** ⁽²⁾ :00000-00003 00000:Top - Left 00001:Top - Right 00002:Bottom - Left 00003:Bottom - Right ** ⁽³⁾ :Error type (Refer to page 4.)
	Triplex/ Display Mode	↑	↑	***** ⁽¹⁾ :00005 ***** ⁽²⁾ :00001-00005 00001:Mode 1 00002:Mode 2 00003:Mode 3 00004:Mode 4 00005:Mode 5 ** ⁽³⁾ :Error type (Refer to page 4.)
	Triplex/ Location	↑	↑	***** ⁽¹⁾ :00004 ***** ⁽²⁾ : 00001:Top 00002:Bottom ** ⁽³⁾ :Error type (Refer to page 4.)
	Camera/ Display Mode	↑	↑	***** ⁽¹⁾ :00007 ***** ⁽²⁾ :00000-00002 00000:None 00001:Number 00002:Title ** ⁽³⁾ :Error type (Refer to page 4.)
	Camera/ Location	↑	↑	***** ⁽¹⁾ :00006 ***** ⁽²⁾ :00000-00003 00000:Top - Left 00001:Top - Right 00002:Bottom - Left 00003:Bottom - Right ** ⁽³⁾ :Error type (Refer to page 4.)
	Recorder Title	↑	↑	***** ⁽¹⁾ :01044 ***** ⁽²⁾ : 00000:Off 00001:On ** ⁽³⁾ :Error type (Refer to page 4.)
	Monitor Output Adjust	↑	↑	***** ⁽¹⁾ :00008 ***** ⁽²⁾ : 00000:Overscan 00001:Underscan ** ⁽³⁾ :Error type (Refer to page 4.)
	Alpha Blend Level/ Menu	↑	↑	***** ⁽¹⁾ :00030 ***** ⁽²⁾ :00001-00003 00001:Level 1 00002:Level 2 00003:Level 3 ** ⁽³⁾ :Error type (Refer to page 4.)
	Alpha Blend Level/ On Screen Information	↑	↑	***** ⁽¹⁾ :00031 ***** ⁽²⁾ :00001-00003 00001:Level 1 00002:Level 2 00003:Level 3 ** ⁽³⁾ :Error type (Refer to page 4.)
Audio Setting	Audio Output Settings	↑	↑	***** ⁽¹⁾ :00350-00376 00350:CH1 00351:CH2 00352:CH3 00353:CH4 00354:CH5 00355:CH6 00356:CH7 00357:CH8 00358:CH9 00359:CH10 00360:CH11 00361:CH12 00362:CH13 00363:CH14 00364:CH15 00365:CH16 00366:Split 4a 00367:Split 4b 00368:Split 4c 00369:Split 4d 00370:Split 9a 00371:Split 9b 00372:Split 10a 00373:Split 10b 00374:Split 13a 00375:Split 13b 00376:Split 16 ***** ⁽²⁾ :00000-00004 00000:Off 00001:Channel 1 00002:Channel 2 00003:Channel 3 00004:Channel 4 ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Menu Data>/<Option>

Menu	Menu item	Command	Status	Note
Load Menu Data	Device Select	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :00100 ***** ⁽²⁾ : 00002:Copy 1 00003:Copy 2 ** ⁽³⁾ :Error type (Refer to page 4.)
	Group Select	†	†	***** ⁽¹⁾ :00101 ***** ⁽²⁾ : 00003:DVD/CD 00004:USB Memory ** ⁽³⁾ :Error type (Refer to page 4.)
Save Menu Data	Device Select	†	†	***** ⁽¹⁾ :00102 ***** ⁽²⁾ : 00002:Copy 1 00003:Copy 2 ** ⁽³⁾ :Error type (Refer to page 4.)
	Group Select	†	†	***** ⁽¹⁾ :00103 ***** ⁽²⁾ : 00003:DVD/CD 00004:USB Memory ** ⁽³⁾ :Error type (Refer to page 4.)
XGA Monitor Settings	Display Mode Setting	†	†	***** ⁽¹⁾ :00090 ***** ⁽²⁾ :00000-00004 00000:Mode 1 00001:Mode 2 00002:Mode 3 00003:Mode 4 00004:Mode 5 ** ⁽³⁾ :Error type (Refer to page 4.)
	Sharpness Setting	†	†	***** ⁽¹⁾ :00091 ***** ⁽²⁾ :00000-00003 00000:Off 00001:Low 00002:Mid 00003:High ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <COM/LAN>

① When changing "Transmission Mode" in <RS-232C Setting> via RS-232C command, the actual operation may not reflect the new setting correctly. Check the communication operation after changing the setting.

Menu	Menu item	Command	Status	Note
RS-232C Setting	Communication Mode	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ :00300 ***** ⁽²⁾ :00000-00003 00000:Off 00001:Remote A 00002:Remote B 00003:Remote C ** ⁽³⁾ :Error type (Refer to page 4.)
	Transmission Mode	↑	↑	***** ⁽¹⁾ :00301 ***** ⁽²⁾ : 01200:1200 bps 02400:2400 bps 04800:4800 bps 09600:9600 bps 19200:19200 bps ** ⁽³⁾ :Error type (Refer to page 4.)
	Data Bit Length	↑	↑	***** ⁽¹⁾ :00302 ***** ⁽²⁾ : 00007:7 bit 00008:8 bit ** ⁽³⁾ :Error type (Refer to page 4.)
	Parity Bit	↑	↑	***** ⁽¹⁾ :00303 ***** ⁽²⁾ :00000-00002 00000:None 00001:Odd 00002:Even ** ⁽³⁾ :Error type (Refer to page 4.)
	Stop Bit Length	↑	↑	***** ⁽¹⁾ :00304 ***** ⁽²⁾ : 00001:1 bit 00002:2 bit ** ⁽³⁾ :Error type (Refer to page 4.)
	Delimiter	↑	↑	***** ⁽¹⁾ :00305 ***** ⁽²⁾ : 00000:CR 00001:CR·LF ** ⁽³⁾ :Error type (Refer to page 4.)
	RS-485 Cascade Setting	Cascade Connection Mode	↑	↑
Recorder Address		↑	↑	***** ⁽¹⁾ :00341 ***** ⁽²⁾ :00224, 00000-00015 00224:Master ID:01 00000:Slave ID:01 00001:Slave ID:02 00002:Slave ID:03 00003:Slave ID:04 00004:Slave ID:05 00005:Slave ID:06 00006:Slave ID:07 00007:Slave ID:08 00008:Slave ID:09 00009:Slave ID:10 00010:Slave ID:11 00011:Slave ID:12 00012:Slave ID:13 00013:Slave ID:14 00014:Slave ID:15 00015:Slave ID:16 ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <PTZ Setting>

Menu	Menu item	Command	Status	Note
PTZ Camera Configuration	Device	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [E1] <Inquiry for setting information> DR,***** ⁽¹⁾ [E1]	<Writing of menu information> RC [E2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [E2] <Reading of menu information> RC [E2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [E2]	***** ⁽¹⁾ : 00400:CH1 00405:CH2 00410:CH3 00415:CH4 00420:CH5 00425:CH6 00430:CH7 00435:CH8 00440:CH9 00445:CH10 00450:CH11 00455:CH12 00460:CH13 00465:CH14 00470:CH15 00475:CH16 ***** ⁽²⁾ : 00000:- - - 00001:PELCO-COAX 00002:PELCO-D (RS422, 9600) 00003:PELCO-D (RS422, 4800) 00004:PELCO-D (RS422, 2400) 00005:A.D. 00006:OMIKRON 00007:PANASONIC 00008:BBV 00009:JVC 00010:VIDO 00011:SAMSUNG 00012:ELBEX-AC0 00013:ELBEX-AC1 00014:ELBEX-AC2 00015:ELBEX-AC3 00016:VC-C4 ** ⁽³⁾ :Error type (Refer to page 4.)
	Device ID	†	†	***** ⁽¹⁾ : 00401:CH1 00406:CH2 00411:CH3 00416:CH4 00421:CH5 00426:CH6 00431:CH7 00436:CH8 00441:CH9 00446:CH10 00451:CH11 00456:CH12 00461:CH13 00466:CH14 00471:CH15 00476:CH16 ***** ⁽²⁾ :00000 -00999 (The maximum value varies depending on the camera connected.) ** ⁽³⁾ :Error type (Refer to page 4.)
	Pan Reverse	†	†	***** ⁽¹⁾ : 00402:CH1 00407:CH2 00412:CH3 00417:CH4 00422:CH5 00427:CH6 00432:CH7 00437:CH8 00442:CH9 00447:CH10 00452:CH11 00457:CH12 00462:CH13 00467:CH14 00472:CH15 00477:CH16 ***** ⁽²⁾ : 00000:Invalid 00001:Valid ** ⁽³⁾ :Error type (Refer to page 4.)
	Tilt Reverse	†	†	***** ⁽¹⁾ : 00403:CH1 00408:CH2 00413:CH3 00418:CH4 00423:CH5 00428:CH6 00433:CH7 00438:CH8 00443:CH9 00448:CH10 00453:CH11 00458:CH12 00463:CH13 00468:CH14 00473:CH15 00478:CH16 ***** ⁽²⁾ : 00000:Invalid 00001:Valid ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Restore>

Menu	Menu item	Command	Status	Note
Restore Data to Main HDD from Drive1/2	Range of Restore	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :12080 ***** ⁽²⁾ : 00000:Start/End 00001:Start ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/year	↑	↑	***** ⁽¹⁾ :12082 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/month	↑	↑	***** ⁽¹⁾ :12083 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/day	↑	↑	***** ⁽¹⁾ :12084 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/hour	↑	↑	***** ⁽¹⁾ :12085 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/minute	↑	↑	***** ⁽¹⁾ :12086 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Start/second	↑	↑	***** ⁽¹⁾ :12087 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/year	↑	↑	***** ⁽¹⁾ :12089 ***** ⁽²⁾ :00001-00037 (year 2001-2037) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/month	↑	↑	***** ⁽¹⁾ :12090 ***** ⁽²⁾ :00001-00012 (January-December) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/day	↑	↑	***** ⁽¹⁾ :12091 ***** ⁽²⁾ :00001-00031 (1st-31st) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/hour	↑	↑	***** ⁽¹⁾ :12092 ***** ⁽²⁾ :00000-00023 (hour 00-23) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/minute	↑	↑	***** ⁽¹⁾ :12093 ***** ⁽²⁾ :00000-00059 (minute 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	End/second	↑	↑	***** ⁽¹⁾ :12094 ***** ⁽²⁾ :00000-00059 (second 00-59) ** ⁽³⁾ :Error type (Refer to page 4.)
	Camera	↑	↑	***** ⁽¹⁾ :12100 ***** ⁽²⁾ : Shown using decimal number. Bit allocation for each camera LSB=camera 1 Ex. "00063" indicates camera numbers 1 to 6. ** ⁽³⁾ :Error type (Refer to page 4.)
	Export Drive 1/2 Configuration	From Device	↑	↑
From Group		↑	↑	***** ⁽¹⁾ :12102 <For Copy 1> ***** ⁽²⁾ :00000-00004 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00004:USB Memory <For Copy 2> ***** ⁽²⁾ :00000-00003, 00005 00000:SerialBus 00001:NAS 00002:SCSI 00003:DVD/CD 00005:Internal ** ⁽³⁾ :Error type (Refer to page 4.)
To Main		↑	↑	***** ⁽¹⁾ :12103 ***** ⁽²⁾ :00001-00003 00001:Normal 00002:Alarm 00003:LPA ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Memory>

① Display <Memory> menu on the screen before setting the following items.

Menu	Menu item	Command	Status	Note
Data Management Setting for Main Memory	Main Device Repeat Settings	<Menu setting> DW,***** ⁽¹⁾ ***** ⁽²⁾ [F1] <Inquiry for setting information> DR,***** ⁽¹⁾ [F1]	<Writing of menu information> RC [F2] EX,** ⁽³⁾ DW,***** ⁽¹⁾ ***** ⁽²⁾ [F2] <Reading of menu information> RC [F2] EX,** ⁽³⁾ DR,***** ⁽¹⁾ ,***** ⁽²⁾ [F2]	***** ⁽¹⁾ :01553-01555 01553:Normal Recording Area 01554:Alarm Recording Area 01555:LPA Recording Area ***** ⁽²⁾ : 00000:Repeat Off 00001:Repeat On ** ⁽³⁾ :Error type (Refer to page 4.)
	Change Partition Setting/ Normal Area	↑	↑	***** ⁽¹⁾ :01550 ***** ⁽²⁾ : 00005:5% 00010:10% 00015:15% 00020:20% 00025:25% 00030:30% 00035:35% 00040:40% 00045:45% 00050:50% 00055:55% 00060:60% 00065:65% 00070:70% 00075:75% 00080:80% 00085:85% 00090:90% 00095:95% 00100:100% ** ⁽³⁾ :Error type (Refer to page 4.)
	Change Partition Setting/ Alarm Area/ Long Pre-Alarm Area	↑	↑	***** ⁽¹⁾ : 01551:Alarm Recording Area 01552:Long Pre-Alarm Area ***** ⁽²⁾ : 00000:0% 00005:5% 00010:10% 00015:15% 00020:20% 00025:25% 00030:30% 00035:35% 00040:40% 00045:45% 00050:50% 00055:55% 00060:60% 00065:65% 00070:70% 00075:75% 00080:80% 00085:85% 00090:90% 00095:95% 00100:100% ** ⁽³⁾ :Error type (Refer to page 4.)
Recording Data Readout Setting	Playback Device Repeat Setting	↑	↑	***** ⁽¹⁾ :01556 ***** ⁽²⁾ : 00000:Repeat Off 00001:Repeat On ** ⁽³⁾ :Error type (Refer to page 4.)
	Image Originality Check Play	↑	↑	***** ⁽¹⁾ :01557 ***** ⁽²⁾ : 00000:Inactive 00001:Active ** ⁽³⁾ :Error type (Refer to page 4.)
	Auto-Expire on Specified Date	↑	↑	***** ⁽¹⁾ :01558 ***** ⁽²⁾ : 00000:Off 00024:1 Day 00048:2 Day 00072:3 Day 00096:4 Day 00120:5 Day 00144:6 Day 01001:7 Day 01002:14 Day 01003:21 Day 02001:30 Day 02002:60 Day 02003:90 Day 02004:120 Day 02005:150 Day 02006:180 Day 03001:365 Day ** ⁽³⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] menu setting command form <Other Settings>

Command name	Command	Status	Note
Registering bookmark	BKMS,★★ ⁽¹⁾ [F1]	RC [E2] EX,★★ ⁽²⁾ BKMS,★★ ⁽¹⁾ [E2]	★★ ⁽¹⁾ :Bookmark number 00:1 01:2 02:3 03:4 04:5 05:6 06:7 07:8 ★★ ⁽²⁾ :Error type (Refer to page 4.)
Inputting password for releasing lock	PSWDU,★★ ⁽¹⁾ ★★★ ⁽²⁾ [F1]	RC [E2] EX,★★ ⁽²⁾ PSWDU,★★ ⁽¹⁾ ★★★ ⁽²⁾ [E2]	★★ ⁽¹⁾ :Password level 00:Level 1 01:Level 2 02:Level 3 03:Disk management password ★★★ ⁽²⁾ :Password ★★ ⁽²⁾ :Error type (Refer to page 4.)
Registering password	PSWDS,★★ ⁽¹⁾ ★★★ ⁽²⁾ [F1]	RC [E2] EX,★★ ⁽²⁾ PSWDS,★★ ⁽¹⁾ ★★★ ⁽²⁾ [E2]	★★ ⁽¹⁾ :Password level 00:Level 1 01:Level 2 02:Level 3 03:Disk management password ★★★ ⁽²⁾ :Password ★★ ⁽²⁾ :Error type (Refer to page 4.)
Setting time and date	<Setting> DW12,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ [F1] <Inquiry for setting information> DR12,★★ ⁽¹⁾ [F1]	<Writing of menu information> RC [E2] EX,★★ ⁽²⁾ DW12,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ [E2] <Reading of menu information> RC [E2] EX,★★ ⁽²⁾ DR12,★★ ⁽¹⁾ ,★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ ★★ ⁽⁵⁾ ★★ ⁽⁶⁾ ★★ ⁽⁷⁾ [E2]	★★ ⁽¹⁾ :00:Time date setting ★★ ⁽²⁾ :Year (01-37) ★★ ⁽³⁾ :Month (01-12) ★★ ⁽⁴⁾ :Day (01-31) ★★ ⁽⁵⁾ :Hour (00-23) ★★ ⁽⁶⁾ :Minute (00-59) ★★ ⁽⁷⁾ :Second (00-59) ★★ ⁽²⁾ :Error type (Refer to page 4.)
Copying setting of multiplexer	DW13,★★ ⁽¹⁾ [F1]	RC [E2] EX,★★ ⁽²⁾ DW13,★★ ⁽¹⁾ [E2]	★★ ⁽¹⁾ :00:Copy multiplexer setting of Output A to Output B ★★ ⁽²⁾ :Error type (Refer to page 4.)
Copying setting of motion detection	DW14,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ [F1]	RC [E2] EX,★★ ⁽²⁾ DW14,★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾ ★★ ⁽⁴⁾ [E2]	★★ ⁽¹⁾ :Copy destination 00:Motion detection pattern A 01:Motion detection pattern B 10:Motion search ★★ ⁽²⁾ :Copy destination camera number 00:CH1 01:CH2 02:CH3 03:CH4 04:CH5 05:CH6 06:CH7 07:CH8 08:CH9 09:CH10 10:CH11 11:CH12 12:CH13 13:CH14 14:CH15 15:CH16 ★★ ⁽³⁾ :Copy source 00:Motion detection pattern A 01:Motion detection pattern B 10:Motion search ★★ ⁽⁴⁾ :Copy source camera number 00:CH1 01:CH2 02:CH3 03:CH4 04:CH5 05:CH6 06:CH7 07:CH8 08:CH9 09:CH10 10:CH11 11:CH12 12:CH13 13:CH14 14:CH15 15:CH16 ★★ ⁽²⁾ :Error type (Refer to page 4.)
Buzzer ① Set "Buzzer" in <Rear Terminal Setting> to "LAN" before sending this command.	BUZR [F1]	RC [E2] EX,★★ ⁽¹⁾ BUZR [E2]	★★ ⁽¹⁾ :Error type (Refer to page 4.)
MODE OUT terminal setting ① This command becomes available when setting "Mode Out Settings" in <Rear Terminal Setting> to "LAN."	MLW,★★ ⁽¹⁾ ★★ ⁽²⁾ [F1]	RC [E2] EX,★★ ⁽²⁾ MLW,★★ ⁽¹⁾ ★★ ⁽²⁾ [E2]	★★ ⁽¹⁾ :MODE OUT terminal 1:MODE OUT 1 2:MODE OUT 2 3:MODE OUT 3 4:MODE OUT 4 ★★ ⁽²⁾ :Terminal status 0:Off 1:On ★★ ⁽²⁾ :Error type (Refer to page 4.)
Reading of MODE OUT terminal setting	MLR,★★ ⁽¹⁾ [F1]	RC [E2] EX,★★ ⁽²⁾ MLR,★★ ⁽¹⁾ ,★★ ⁽²⁾ [E2]	★★ ⁽¹⁾ :MODE OUT terminal 1:MODE OUT 1 2:MODE OUT 2 3:MODE OUT 3 4:MODE OUT 4 ★★ ⁽²⁾ :Terminal status 0:Off 1:On ★★ ⁽²⁾ :Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Direct operation specification] status check command form (1/2)

Command	Status	Note
<Inquiry for recorder status> MD? [E1]	RC [E2]	★★ ⁽¹⁾ :System status
	EX, ★ ⁽⁴¹⁾ MD,	00:Power off 02:Waiting for starting codec task
	★★ ⁽¹⁾ ★★ ⁽²⁾ ★★ ⁽³⁾	03:Waiting for starting system 04:Power on (device operation)
	★★ ⁽⁴⁾ ★★ ⁽⁵⁾	05:Waiting for ending system 06:Waiting for ending codec task
	★★★★★★★★★ ⁽⁶⁾	10:Setup Wizard 11:Waiting for starting Setup Wizard
	★★★★★★★★★ ⁽⁷⁾	12:Waiting for completing Setup Wizard 14:NET-D
	★★ ⁽⁸⁾ ★★ ⁽⁹⁾ ★★ ⁽¹⁰⁾	15:Simple NET-D 32:Power On (stop)
	★★ ⁽¹¹⁾ ★★ ⁽¹²⁾ ★★ ⁽¹³⁾	33:Waiting for starting device operation 34:Waiting for ending device operation
	★★ ⁽¹⁴⁾ ★★ ⁽¹⁵⁾ ★★ ⁽¹⁶⁾	38:Abnormal system mode 39:Waiting for response of communication confirmation
	★★ ⁽¹⁷⁾ ★★ ⁽¹⁸⁾ ★★ ⁽¹⁹⁾	3A:Waiting for notification of enabled connection
	★★ ⁽²⁰⁾ ★★ ⁽²¹⁾ ★★ ⁽²²⁾	★★ ⁽²⁾ :Display status (output A)
	★★ ⁽²³⁾ ★★ ⁽²⁴⁾ ★★ ⁽²⁵⁾	00:Stop 03:Single screen 04:Split screen 05:Zoom
	★★ ⁽²⁶⁾ ★★ ⁽²⁷⁾ ★★ ⁽²⁸⁾	07:End
	★★ ⁽²⁹⁾ ★★ ⁽³⁰⁾ ★★ ⁽³¹⁾	★★ ⁽³⁾ :Display status (output B) (Refer to "Display status (output A)")
	★★ ⁽³²⁾ ★★ ⁽³³⁾ ★★ ⁽³⁴⁾	★★ ⁽⁴⁾ :GUI operational status (output A)
	★★ ⁽³⁵⁾ ★★ ⁽³⁶⁾ ★★ ⁽³⁷⁾	00:Stop 01:Starting-up 02:Waiting for execution 03:Waiting for starting up codec
	★★ ⁽³⁸⁾ ★★ ⁽³⁹⁾	04:Execute 05:Waiting for executing setup wizard
	★★ ⁽⁴⁰⁾ [E2]	06:Executing setup wizard (Waiting for starting up codec) 07:Executing setup wizard
		08:Waiting for stopping 09:Error
		★★ ⁽⁵⁾ :GUI operational status (output B) (Refer to "GUI operational status (output A)")
		★★★★★★★★★ ⁽⁶⁾ :Menu (output A) : Menu address (00000000:Menu is not displayed.)
		★★★★★★★★★ ⁽⁷⁾ :Reserved
		★★ ⁽⁸⁾ :Recording status
		00:Stop of recording 01:Waiting for stopping recording
		02:Recording 03:Waiting for executing recording
		04:Changing recording setting 05:Waiting for stopping recording due to recording setting change
		06:Changing recording setting during recording
		★★ ⁽⁹⁾ :Playback status (output A)
		00:Stop of playback 03:Forward playback (single screen)
		04:Reverse playback (single screen) 05:Pause of forward playback (single screen)
		06:Pause of reverse playback (single screen) 07:Forward search (single screen)
		08:Reverse search (single screen) 09:High speed forward search (single screen)
		0a:High speed reverse search (single screen) 0b:Forward playback (split screen)
		0c:Reverse playback (split screen) 0d:Pause of forward playback (split screen)
		0e:Pause of reverse playback (split screen) 0f:Forward search (split screen)
		10:Reverse search (split screen) 11:High speed forward search (split screen)
		12:High speed reverse search (split screen) 13:Forward playback (zoom)
		14:Reverse playback (zoom) 15:Pause of forward playback (zoom)
		16:Pause of reverse playback (zoom) 17:Forward search (zoom)
		18:Reverse search (zoom) 19:High speed forward search (zoom)
		1a:High speed reverse search (zoom) 1c:Playback error
	★★ ⁽¹⁰⁾ :Playback status (output B) (Refer to "Playback status (output A)")	
	★★ ⁽¹¹⁾ :Copy 1 status	
	00:Stop of copy 01:Waiting for stopping copy 02:Copying 03:Waiting for execution	
	04:Pause 05:Waiting for re-execute 06:Waiting for starting calculation 07:Displaying calculation result	
	★★ ⁽¹²⁾ :Copy 2 status	
	00:Stop of copy 01:Waiting for stopping copy 02:Copying 03:Waiting for execution	
	04:Pause 05:Waiting for re-execute	
	★★ ⁽¹³⁾ :Restore status	
	00:Stop of restore 01:Waiting for stopping restore	
	02:Restoring 03:Waiting for execution	
	04:Pause	
	★★ ⁽¹⁴⁾ :Bookmark	
	00:Stop 01:Acquiring bookmark information	
	02:Registering 03:Picture copy	
	★★ ⁽¹⁵⁾ :Reserved	
	★★ ⁽¹⁶⁾ :Motion detection status	
	00:Stop of motion detection 01:Waiting for stopping motion detection	
	02:Stop due to setting 03:Waiting for stopping due to setting	
	04:Execute 05:Waiting for execution	
	06:Test mode	
	★★ ⁽¹⁷⁾ :Acquiring information status	
	00:Stop 01:Waiting for acquisition	
	★★ ⁽¹⁸⁾ :Device initialization status	
	00:Stop 01:Initializing	
	★★ ⁽¹⁹⁾ :Lock status	
	00:Lock Off 01:Level 1 02:Level 2 03:Level 3	
	★★ ⁽²⁰⁾ :Disk management password lock status	
	00:Off 01:On	
	★★ ⁽²¹⁾ :Timer status	
	00:Off 01:On 02:Error	
	★★ ⁽²²⁾ :Alarm input prevention status	
	00:Alarm input enabled 01:Alarm input disabled	
	★★ ⁽²³⁾ :PTZ mode status	
	00:Off 01:On	
	★★ ⁽²⁴⁾ :Sequence status (output A)	
	00:Off 01:On	
	★★ ⁽²⁵⁾ :Sequence status (output B)	
	00:Off 01:On	
	★★ ⁽²⁶⁾ :Output A/B switching status	
	00:Output A 01:Output B	
	★★ ⁽²⁷⁾⁻⁽⁴⁰⁾ :Reserved	
	★★ ⁽⁴¹⁾ :Error type (Refer to page 4.)	

Command code table (continued)

◆ RS-232C [Direct operation specification] status check command form (2/2)

Command	Status	Note
<Inquiry for display status> SWQ, ** ⁽¹⁾ #1	RC #2 EX, ** ⁽²⁾ SWQ, ** ⁽¹⁾ , *** ⁽³⁾ #2	** ⁽¹⁾ : Display output port 00: Output A 01: Output B ** ⁽²⁾ : Error type (Refer to page 4.) *** ⁽³⁾ : Display mode 0101: CH1 0102: CH2 0103: CH3 0104: CH4 0105: CH5 0106: CH6 0107: CH7 0108: CH8 0109: CH9 0110: CH10 0111: CH11 0112: CH12 0113: CH13 0114: CH14 0115: CH15 0116: CH16 0100: Single screen sequential 0401: Split 4a 0402: Split 4b 0403: Split 4c 0404: Split 4d 0400: Split 4 screen sequential 0901: Split 9a 0902: Split 9b 0900: Split 9 screen sequential 1001: Split 10a 1002: Split 10b 1000: Split 10 screen sequential 1301: Split 13a 1302: Split 13b 1300: Split 13 screen sequential 1601: Split 16
<Inquiry for recording status> RCQ #1	RC #2 EX, ** ⁽¹⁷⁾ RCQ, ** ⁽¹⁾ ** ⁽²⁾ ** ⁽³⁾ ** ⁽⁴⁾ ** ⁽⁵⁾ ** ⁽⁶⁾ ** ⁽⁷⁾ ** ⁽⁸⁾ ** ⁽⁹⁾ ** ⁽¹⁰⁾ ** ⁽¹¹⁾ ** ⁽¹²⁾ ** ⁽¹³⁾ ** ⁽¹⁴⁾ ** ⁽¹⁵⁾ ** ⁽¹⁶⁾ #2	** ⁽¹⁾⁻⁽¹⁶⁾ : Recording status of camera number 01-16 00: Stop of recording 01: During normal recording 02: During alarm recording 03: During emergency recording ** ⁽¹⁷⁾ : Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Quasi-front panel operation] command form (1/2)

Operational Button	Command	Status	Note
POWER	KKP0 #1	RC #2 EX, ** #2(2)KKP0 #2	Power On/Off ** #3(3):Error type (Refer to page 4.)
REC/STOP	KKR0 #1 KKR1 #1	RC #2 EX, ** #2(2)KKR0 #2 RC #2 EX, ** #2(2)KKR1 #2	Recording Stop recording ** #3(3):Error type (Refer to page 4.)
STOP	KKB0 #1	RC #2 EX, ** #2(2)KKB0 #2	Stop playback ** #3(3):Error type (Refer to page 4.)
PLAY	KKB1 #1	RC #2 EX, ** #2(2)KKB1 #2	Playback (forward direction) ** #3(3):Error type (Refer to page 4.)
REV. PLAY	KKB2 #1	RC #2 EX, ** #2(2)KKB2 #2	Playback (reverse direction) ** #3(3):Error type (Refer to page 4.)
PAUSE/ JUMP TO END	KKB4 #1	RC #2 EX, ** #2(2)KKB4 #2	Pausing playback ** #3(3):Error type (Refer to page 4.)
TIMER	KKT0 #1 KKT1 #1	RC #2 EX, ** #2(2)KKT0 #2 RC #2 EX, ** #2(2)KKT1 #2	Timer On Timer Off ** #3(3):Error type (Refer to page 4.)
DIGITAL ZOOM	KKEZM #1	RC #2 EX, ** #2(2)KKEZM #2	Digital zoom ** #3(3):Error type (Refer to page 4.)
SEQUENCE	KKE #1	RC #2 EX, ** #2(2)KKE #2	Sequential display ** #3(3):Error type (Refer to page 4.)
SPLIT screen	KKE04 #1 KKE09 #1 KKE10 #1 KKE13 #1 KKE16 #1	RC #2 EX, ** #2(2)KKE04 #2 RC #2 EX, ** #2(2)KKE09 #2 RC #2 EX, ** #2(2)KKE10 #2 RC #2 EX, ** #2(2)KKE13 #2 RC #2 EX, ** #2(2)KKE16 #2	Split 4 screen display Split 9 screen display Split 10 screen display Split 13 screen display Split 16 screen display ** #3(3):Error type (Refer to page 4.)
Camera number (CH1-CH16)	KKD01 #1 KKD02 #1 KKD03 #1 KKD04 #1 KKD05 #1 KKD06 #1 KKD07 #1 KKD08 #1 KKD09 #1 KKD10 #1 KKD11 #1 KKD12 #1 KKD13 #1 KKD14 #1 KKD15 #1 KKD16 #1	RC #2 EX, ** #2(2)KKD01 #2 RC #2 EX, ** #2(2)KKD02 #2 RC #2 EX, ** #2(2)KKD03 #2 RC #2 EX, ** #2(2)KKD04 #2 RC #2 EX, ** #2(2)KKD05 #2 RC #2 EX, ** #2(2)KKD06 #2 RC #2 EX, ** #2(2)KKD07 #2 RC #2 EX, ** #2(2)KKD08 #2 RC #2 EX, ** #2(2)KKD09 #2 RC #2 EX, ** #2(2)KKD10 #2 RC #2 EX, ** #2(2)KKD11 #2 RC #2 EX, ** #2(2)KKD12 #2 RC #2 EX, ** #2(2)KKD13 #2 RC #2 EX, ** #2(2)KKD14 #2 RC #2 EX, ** #2(2)KKD15 #2 RC #2 EX, ** #2(2)KKD16 #2	CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16 ** #3(3):Error type (Refer to page 4.)
LOCK	KKL0 #1 KKL1 #1	RC #2 EX, ** #2(2)KKL0 #2 RC #2 EX, ** #2(2)KKL1 #2	Lock Releasing lock ** #3(3):Error type (Refer to page 4.)
SET UP	KKM #1	RC #2 EX, ** #2(2)KKM #2	Setting menu ** #3(3):Error type (Refer to page 4.)
SEARCH	KKK0 #1	RC #2 EX, ** #2(2)KKK0 #2	Search menu ** #3(3):Error type (Refer to page 4.)
OUTPUT A/B	KKOSL #1	RC #2 EX, ** #2(2)KKOSL #2	Switching between OUTPUT A and B ** #3(3):Error type (Refer to page 4.)

Command code table (continued)

◆ RS-232C [Quasi-front panel operation] command form (2/2)

Operational Button	Command	Status	Note
JOG dial	KKJ0 F1	RC F2 EX, ** ⁽²⁾ KKJ0 F2	Turning the JOG dial to the right
	KKJ1 F1	RC F2 EX, ** ⁽²⁾ KKJ1 F2	Turning the JOG dial to the left ** ⁽³⁾ : Error type (Refer to page 4.)
SHUTTLE ring	KKS00 F1	RC F2 EX, ** ⁽²⁾ KKS00 F2	SHUTTLE ring (center)
	KKS01 F1	RC F2 EX, ** ⁽²⁾ KKS01 F2	SHUTTLE ring (right 1)*
	KKS02 F1	RC F2 EX, ** ⁽²⁾ KKS02 F2	SHUTTLE ring (right 2)*
	KKS03 F1	RC F2 EX, ** ⁽²⁾ KKS03 F2	SHUTTLE ring (right 3)*
	KKS04 F1	RC F2 EX, ** ⁽²⁾ KKS04 F2	SHUTTLE ring (right 4)*
	KKS11 F1	RC F2 EX, ** ⁽²⁾ KKS11 F2	SHUTTLE ring (left 1)*
	KKS12 F1	RC F2 EX, ** ⁽²⁾ KKS12 F2	SHUTTLE ring (left 2)*
	KKS13 F1	RC F2 EX, ** ⁽²⁾ KKS13 F2	SHUTTLE ring (left 3)*
	KKS14 F1	RC F2 EX, ** ⁽²⁾ KKS14 F2	SHUTTLE ring (left 4)* ** ⁽³⁾ : Error type (Refer to page 4.) *Be sure to send the SHUTTLE (center) command after sending SHUTTLE (right) or SHUTTLE (left) command. SHUTTLE ring operation continues until SHUTTLE (center) command is sent.
	TRIPLEX PB	KKCPB F1	RC F2 EX, ** ⁽²⁾ KKCPB F2
BOOK MARK	KKBKM F1	RC F2 EX, ** ⁽²⁾ KKBKM F2	Bookmark ** ⁽³⁾ : Error type (Refer to page 4.)
HELP	KKHLP F1	RC F2 EX, ** ⁽²⁾ KKHLP F2	Help ** ⁽³⁾ : Error type (Refer to page 4.)
PTZ	KKPTZ0 F1	RC F2 EX, ** ⁽²⁾ KKPTZ0 F2	PTZ mode
	KKPTZ1 F1	RC F2 EX, ** ⁽²⁾ KKPTZ1 F2	Cascade mode ** ⁽³⁾ : Error type (Refer to page 4.)





Command code table (continued)

◆ Status condition change notification (1/2)

Mode	Status	Note
Warning notification	LOG,*** ⁽¹⁾ *** ⁽²⁾ *** ⁽³⁾ *** ⁽⁴⁾ *** ⁽⁵⁾ *** ⁽⁶⁾ ** ⁽⁷⁾ ***** ⁽⁸⁾ ㉔	<p>***⁽¹⁾:Log number</p> <p>1100:Recording/Full (Normal area) 1101:Recording/Full (Alarm area) 1102:Recording/Full (LPA area) 1200:Recording/Remaining capacity warning (Normal area) 1201:Recording/Remaining capacity warning (Alarm area) 1202:Recording/Remaining capacity warning (LPA area) 13□□:Recording operational error 14□□:Abnormal recording operation 24□□:Abnormal playback operation 3100:Copy/Full (Copy 1) 33□□:Copy 1 operational error 34□□:Abnormal Copy 1 operation 4100:Restore/Full (Normal area) 4101:Restore/Full (Alarm area) 4102:Restore/Full (LPA area) 43□□:Restore operational error 44□□:Abnormal restore operation 7100:Copy/Full (Copy 2) 7200:Copy/Remaining capacity warning (Copy 2) 73□□:Copy 2 operation error 74□□:Abnormal Copy 2 operation</p> <p>*Following numbers are entered in □□.</p> <p>00:A (internal) 01:B (internal) 02:C (internal) 10-25:USB (external) (24:DVD/CD, 25:USB memory) 30-35:SCSI (external) 40-47:NAS (external)</p> <p>**⁽²⁾:Year (01-37) **⁽³⁾:Month (01-12) **⁽⁴⁾:Day (01-31) **⁽⁵⁾:Hour (00-23) **⁽⁶⁾:Minute (00-59) **⁽⁷⁾:Second (00-59) *****⁽⁸⁾:IP address 000.000.000.000-255.255.255.255</p>
Recording start/end notification	NTFY00,*** ⁽¹⁾ *** ⁽²⁾ *** ⁽³⁾ *** ⁽⁴⁾ *** ⁽⁵⁾ *** ⁽⁶⁾ ** ⁽⁷⁾ ** ⁽⁸⁾ ** ⁽⁹⁾ ** ⁽¹⁰⁾ ** ⁽¹¹⁾ ** ⁽¹²⁾ ** ⁽¹³⁾ ** ⁽¹⁴⁾ ** ⁽¹⁵⁾ ** ⁽¹⁶⁾ ** ⁽¹⁷⁾ ** ⁽¹⁸⁾ ** ⁽¹⁹⁾ ** ⁽²⁰⁾ ** ⁽²¹⁾ ** ⁽²²⁾ ** ⁽²³⁾ ** ⁽²⁴⁾ ***** ⁽²⁵⁾ ㉔	<p>***⁽¹⁾-⁽¹⁶⁾:Recording condition of camera numbers 1 to 16</p> <p>00:Stop mode of recording 01:Normal recording from stop mode 02:Alarm recording from stop mode 03:Emergency recording from stop mode 10:Stop of normal recording 11:During normal recording 12:Alarm recording from normal recording 13:Emergency recording from normal recording 20:Stop of alarm recording 21:Normal recording from alarm recording 22:During alarm recording 23:Emergency recording from alarm recording 30:Stop of emergency recording 31:Normal recording from emergency recording 32:Alarm recording from emergency recording 33:During emergency recording</p> <p>**⁽¹⁷⁾:Factor of recording condition change</p> <p>00:REC/REC STOP button 01:Rear terminal (ALARM IN, EMERGENCY terminal) 02:Motion detection 03:Communication 04:Rear terminal (REC, REC/STOP terminal) 05:End of alarm/emergency recording time</p> <p><When factor of recording condition change is rear terminal (ALARM IN, EMERGENCY terminal)></p> <p>**⁽¹⁸⁾:Rear terminal number</p> <p>00:ALARM IN 1 01:ALARM IN 2 02:ALARM IN 3 03:ALARM IN 4 04:ALARM IN 5 05:ALARM IN 6 06:ALARM IN 7 07:ALARM IN 8 08:ALARM IN 9 09:ALARM IN 10 10:ALARM IN 11 11:ALARM IN 12 12:ALARM IN 13 13:ALARM IN 14 14:ALARM IN 15 15:ALARM IN 16 16:EMERGENCY</p> <p><When factor of recording condition change is motion detection:></p> <p>**⁽¹⁸⁾:Motion-detected camera number</p> <p>00:CH1 01:CH2 02:CH3 03:CH4 04:CH5 05:CH6 06:CH7 07:CH8 08:CH9 09:CH10 10:CH11 11:CH12 12:CH13 13:CH14 14:CH15 15:CH16</p> <p><Other cases></p> <p>**⁽¹⁸⁾:00</p> <p>**⁽¹⁹⁾:Year (01-37) **⁽²⁰⁾:Month (01-12) **⁽²¹⁾:Day (01-31) **⁽²²⁾:Hour (00-23) **⁽²³⁾:Minute (00-59) **⁽²⁴⁾:Second (00-59) *****⁽²⁵⁾:IP address 000.000.000.000-255.255.255.255</p>

Command code table (continued)

◆ RS-232C Status condition change notification (2/2)

Mode	Status	Note
Alarm notification	NTFY01, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***(8)***** ⁽⁹⁾ 	<p>***⁽¹⁾:Alarm number</p> <p>00:Alarm 1 01:Alarm 2 02:Alarm 3 03:Alarm 4 04:Alarm 5 05:Alarm 6 06:Alarm 7 07:Alarm 8 08:Alarm 9 09:Alarm 10 10:Alarm 11 11:Alarm 12 12:Alarm 13 13:Alarm 14 14:Alarm 15 15:Alarm 16 16:Emergency</p> <p>***⁽²⁾:Trigger</p> <p>00:Rear terminal</p> <p>***⁽³⁾:Year (01-37)</p> <p>***⁽⁴⁾:Month (01-12)</p> <p>***⁽⁵⁾:Day (01-31)</p> <p>***⁽⁶⁾:Hour (00-23)</p> <p>***⁽⁷⁾:Minute (00-59)</p> <p>***⁽⁸⁾:Second (00-59)</p> <p>*****⁽⁹⁾:IP address 000.000.000.000-255.255.255.255</p>
Signal detection notification	NTFY02, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***(8)***(9)***(10)***(11)***(12)***(13) ***(14)***(15)***(16)***(17)***(18)***(19) ***(20)***(21)***(22)***(23) ***** ⁽²⁴⁾ 	<p>***⁽¹⁾:Signal detection status</p> <p>00:No signal detected (in the mode other than recording) 01:Signal detected (in the mode other than recording) 02:No signal detected (during recording) 03:Signal detected (during recording)</p> <p>***⁽²⁾:The number of cameras without signal/with signal 01-16</p> <p>***⁽³⁾⁻⁽¹⁷⁾:Camera number of which signal is detected/is not detected (Outputs for the number of cameras without signal/with signal.)</p> <p>00:CH1 01:CH2 02:CH3 03:CH4 04:CH5 05:CH6 06:CH7 07:CH8 08:CH9 09:CH10 10:CH11 11:CH12 12:CH13 13:CH14 14:CH15 15:CH16</p> <p>***⁽¹⁸⁾:Year (01-37)</p> <p>***⁽¹⁹⁾:Month (01-12)</p> <p>***⁽²⁰⁾:Day (01-31)</p> <p>***⁽²¹⁾:Hour (00-23)</p> <p>***⁽²²⁾:Minute (00-59)</p> <p>***⁽²³⁾:Second (00-59)</p> <p>*****⁽²⁴⁾:IP address 000.000.000.000-255.255.255.255</p>
High temperature detection notification	NTFY03, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***** ⁽⁸⁾ 	<p>***⁽¹⁾:High temperature detection status</p> <p>00:High temperature detected 01:High temperature warning 10:Recovery from high temperature</p> <p>***⁽²⁾:Year (01-37)</p> <p>***⁽³⁾:Month (01-12)</p> <p>***⁽⁴⁾:Day (01-31)</p> <p>***⁽⁵⁾:Hour (00-23)</p> <p>***⁽⁶⁾:Minute (00-59)</p> <p>***⁽⁷⁾:Second (00-59)</p> <p>*****⁽⁸⁾:IP address 000.000.000.000-255.255.255.255</p>
Fan status notification	NTFY04, ***(1)***(2)***(3)***(4)***(5)***(6) ***(7)***** ⁽⁸⁾ 	<p>***⁽¹⁾:Fan status</p> <p>00:Stop of fan 10:Recovery of fan</p> <p>***⁽²⁾:Year (01-37)</p> <p>***⁽³⁾:Month (01-12)</p> <p>***⁽⁴⁾:Day (01-31)</p> <p>***⁽⁵⁾:Hour (00-23)</p> <p>***⁽⁶⁾:Minute (00-59)</p> <p>***⁽⁷⁾:Second (00-59)</p> <p>*****⁽⁸⁾:IP address 000.000.000.000-255.255.255.255</p>

