

RS232 Command List for EK-831 & ES-DU13KLZ

2020.3.27 komoda

Ver.1.00

●Connection

<Port setting>

Baud Rate 9600 bps
Parity None
Data Length 8 bit
Stop Bit Length 1 bit

<Wiring>

Connect the computer and projector with RS232 cross cable

●Format

<Command format>

Header: '*'
Delimiter CR (0x0Dh)
Command 3Byte (ASCII Character)
Separator "=" Command and Parameter
Parameter Variable length

<Response format>

Header: '#'
Delimiter CR (0x0Dh)
Command 3Byte (ASCII Character, command echo)
Separator "=" Command and Parameter
Parameter Variable length

●Details and examples

<Setting Command>

Get

'*' 'X' 'X' 'X' CR

PARAM: None

Example

Get Picture Mode (Standard = 1)

'*' 'P' 'I' 'M' CR

Set

'*' 'X' 'X' 'X' '=' PARAM CR

PARAM: [ASCII number] Set the value (See the conversion table.)

Example

Set Picture Mode (Standard = 1)

'*' 'P' 'I' 'M' '=' '1' CR

●Response of Illegal command

<Unsupported command>

Example

Unknown Command

'*' 'A' 'B' 'C' CR

<Command error>

Command is correct but unable to execute.

Parameter Error (unknown)

'*' 'P' 'I' 'M' '=' 'X' 'Y' 'Z' CR

Parameter Error (out of range)

'*' 'P' 'I' 'M' '=' '8' CR

A get command is sent for command that status is not available.

'*' 'P' 'I' 'M' CR

Load lens command is sent when the lens memory #2 is empty.

'*' 'L' 'E' 'N' '=' '2' CR

'#' 'X' 'X' 'X' '=' PARAM CR

PARAM: Current value (ASCII number)
(See the conversion table in the command list.)

'#' 'P' 'I' 'M' '=' '1' CR

'#' 'X' 'X' 'X' '=' PARAM CR

PARAM: The value after setting

'#' 'P' 'I' 'M' '=' '1' CR

'#' 'E' 'R' 'O' CR

'#' 'E' 'R' 'O' CR

'#' 'X' 'X' 'X' '=' 'E' 'R' 'O' CR

'#' 'P' 'I' 'M' '=' 'E' 'R' 'O' CR

'#' 'P' 'I' 'M' '=' 'E' 'R' 'O' CR

'#' 'P' 'I' 'M' '=' 'E' 'R' 'O' CR

'#' 'L' 'E' 'N' '=' 'E' 'R' 'O' CR

