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DSCV1-70-TX

1-gang 4K Wall-plate Transmitter

API Command List

Version: V1.0.0



RS232 Default Setting

| Parameters | Value |
|--------------|------------|
| Baud Rate | 115200 bps |
| Data bits | 8 bits |
| Parity | None |
| Stop bits | 1 bit |
| Flow control | None |

Command

1. Take Command **SET SW in out<CR><LF>** as an example:
2. **[SET SW]** denotes command key words, case insensitive.
3. **[in out]** denotes parameters, case insensitive; incorrect parameters number will not be recognized.
4. **<CR><LF>** denotes a carriage return or a line feed; all commands must be ended up with a carriage return or a line feed.

| No. | Description | Command | Example |
|---------------------------|--------------------------------------|---|--|
| Normal switch case | | | |
| 1 | character uart command edit | <p>Command: SET UART_STR <i>prm1 prm2</i> <CR><LF></p> <p>Return: UART_STR <i>prm1 prm2</i><CR><LF></p> <p>Parameter: <i>prm1</i> = {poweron,poweroff};//PRM1 is the standard command, newest cmd. <i>prm2</i> = {xx};//PRM3 is the original command according device guidelines, less than 64 characters.</p> | <p>Command: SET UART_STR <i>poweron</i> <i>xxxx</i><CR><LF></p> <p>Return: UART_STR <i>poweron</i> <i>xxxx</i><CR><LF></p> <p>Description: Edit UART command</p> |

| No. | Description | Command | Example |
|-----|--|---|--|
| | | Description: Character uart command edit | |
| 2 | Hex uart command edit | Command: SET UART_HEX <i>prm1 hex1 hex2 hex3</i> <CR><LF> Return: UART_HEX <i>prm1 hex1 hex2 hex3</i> <CR><LF> Parameter: prm1 = {poweron,poweroff} //PRM1 is the standard command, newest cmd. <i>Hex1, hex2</i> = {xx xx xx xx} //hex1, hex2..., is ascii string of hex value. For, string "12", convert to correct format string is "31 32", less than 64 characters. Description: Hex uart command edit | Command: SET UART_HEX <i>poweron</i> 12 34 56 <CR><LF> Return: UART_HEX <i>poweron</i> 12 34 56<CR><LF> Description: Edit UART command with HEX format |
| 3 | character uart command get | Command: GET UART_DATA <i>prm1</i> <CR><LF> Return: UART_DATA <i>prm1 xxxxxx</i> <CR><LF> Parameter: <i>prm1</i> = {poweron, poweroff} //PRM1 is the standard command, newest cmd. Description: Character uart command get | Command: GET UART_DATA <i>poweron</i> <CR><LF> Return: UART_DATA <i>poweron</i> xxxx<CR><LF> Description: Get UART command |
| 5 | Set the baud rate of the current serial port | Command: SET BAUD_RATE XXX<CR><LF> Return: | Command: SET BAUD_RATE 115200 <CR><LF> |

| No. | Description | Command | Example |
|-----|-------------|--|--|
| | | <p>baudrate XXX<CR><LF></p> <p>Parameter: XXX = {9600, 115200, 38400, 57600, 19200}; DEFAULT:115200</p> <p>Description: Set the baud rate of the current serial port</p> | <p>Return:</p> <p>BAUD_RATE 115200<CR><LF></p> <p>Description: Set the baud rate of the current serial port</p> |
| 6 | GET VER | <p>Command: GET VER<CR><LF></p> <p>Return: DSCV1-70-TX XX<CR><LF></p> <p>Description: GET VER</p> | <p>Command: GET VER<CR><LF></p> <p>Return: DSCV1-70-TX V1.0<CR><LF></p> <p>Description: GET VER</p> |
| 7 | Upgrade | <p>Command: UPG<CR><LF></p> <p>Description: Upgrade</p> | <p>Command: UPG<CR><LF></p> <p>Description: Upgrade</p> |



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