

## Emotiontek MCU Controller

Supported Series: Emotiontek MCU-XP/XP2 Controller

Website: <http://www.emotiontek.com>

### HMI Setting:

| Parameters          | Recommended               | Options        | Notes |
|---------------------|---------------------------|----------------|-------|
| <b>PLC type</b>     | Emotiontek MCU Controller |                |       |
| <b>PLC I/F</b>      | RS232                     | RS232/RS485 2W |       |
| <b>Baud rate</b>    | 38400                     | 9600 ~ 115200  |       |
| <b>Data bits</b>    | 8                         | 7,8            |       |
| <b>Parity</b>       | None                      | None,Odd,Even  |       |
| <b>Stop bits</b>    | 1                         | 1,2            |       |
| <b>PLC sta. no.</b> | 0                         | 0-255          |       |

### PLC Setting:

|                      |     |
|----------------------|-----|
| <b>Protocol type</b> | 1,4 |
|----------------------|-----|

### Device Address:

| Bit/Word | Device type | Format | Range    | Memo |
|----------|-------------|--------|----------|------|
| B        | X_Bit       | Hh     | 0 ~ 5f   |      |
| B        | Y_Bit       | Hh     | 0 ~ 4f   |      |
| B        | F_Bit       | Dh     | 0 ~ 9f   |      |
| B        | M_Bit       | DDDh   | 0 ~ 199f |      |
| B        | T_Bit       | Dh     | 0 ~ 0f   |      |
| B        | C_Bit       | Dh     | 0 ~ 0f   |      |
| W        | X           | D      | 0 ~ 5    |      |
| W        | Y           | D      | 0 ~ 4    |      |
| W        | F           | D      | 0 ~ 9    |      |
| W        | M           | DDD    | 0 ~ 199  |      |
| W        | T           | D      | 0        |      |
| W        | C           | D      | 0        |      |
| W        | TP          | DD     | 0 ~ 15   |      |
| W        | TC          | DD     | 0 ~ 15   |      |
| W        | CP          | DD     | 0 ~ 15   |      |
| W        | CC          | DD     | 0 ~ 15   |      |

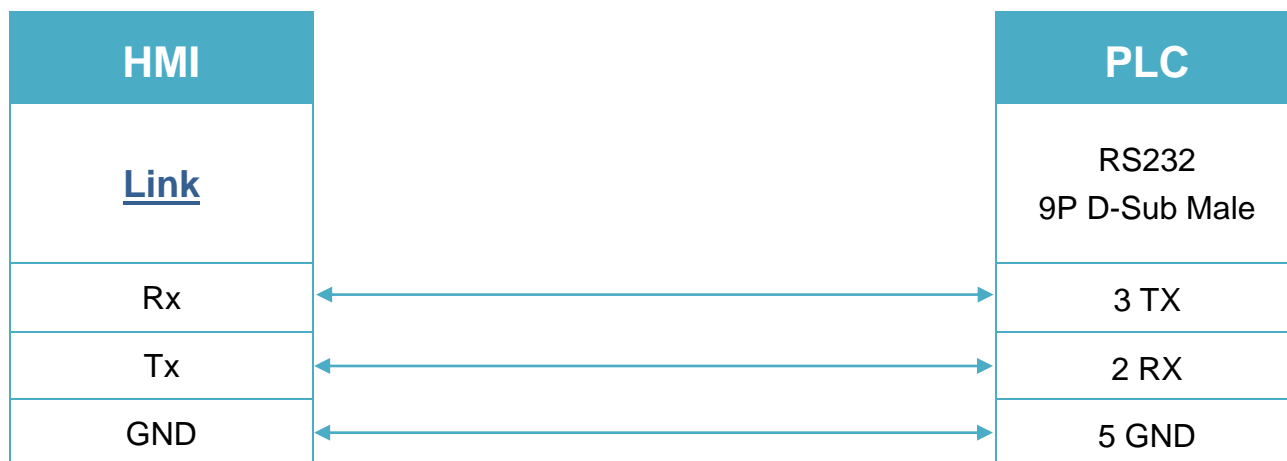
| Bit/Word | Device type | Format | Range    | Memo |
|----------|-------------|--------|----------|------|
| DW       | PD_X        | DD     | 0 ~ 99   |      |
| DW       | PD_Y        | DD     | 0 ~ 99   |      |
| DW       | FD          | D      | 0 ~ 9    |      |
| DW       | DD          | D      | 0 ~ 9    |      |
| DW       | LD          | DDDD   | 0 ~ 1999 |      |

## Wiring Diagram:

### Diagram 1

#### RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.



### Diagram 2

#### RS-485 2W

The serial port pin assignments may vary between HMI models, please click the following link for more information.

