

## RS Automation X8 Series

Supported Series: RS-X8 Series PLC

Website: <http://www.rsautomation.biz/>

### HMI Setting:

| Parameters          | Recommended             | Options         | Notes |
|---------------------|-------------------------|-----------------|-------|
| <b>PLC type</b>     | RS Automation X8 Series |                 |       |
| <b>PLC I/F</b>      | RS232/Ethernet          | RS232/ Ethernet |       |
| <b>Baud rate</b>    | 115200                  | 9600~115200     |       |
| <b>Data bits</b>    | 8                       | 7,8             |       |
| <b>Parity</b>       | None                    | None,Even,ODD   |       |
| <b>Stop bits</b>    | 1                       | 1,2             |       |
| <b>Port no.</b>     | 50000                   |                 |       |
| <b>PLC sta. no.</b> | 1                       | 0 ~ 255         |       |

### PLC Setting:

|                           |            |
|---------------------------|------------|
| <b>Communication mode</b> | Xnet Slave |
|---------------------------|------------|

### Device Address:

| Bit/Word | Device type | Format      | Range           | Memo         |
|----------|-------------|-------------|-----------------|--------------|
| B        | Y_bit       | DD.DDDdd    | 0 ~ 96.25515    | Output       |
| B        | X_bit       | DD.DDDdd    | 0 ~ 96.25515    | Input        |
| B        | SR_bit      | DDDdd       | 0 ~ 12715       | Status       |
| B        | B_bit       | DDDD.DDDDdd | 0 ~ 1535.153515 | Bit          |
| B        | N_bit       | DDDD.DDDDdd | 0 ~ 1535.153515 | Integer      |
| B        | A_bit       | DDDD.DDDDdd | 0 ~ 1535.153515 | ASCII        |
| B        | TM_Done     | DDDD.DDDDdd | 0 ~ 1535.153515 | Timer_Done   |
| B        | CT_Done     | DDDD.DDDDdd | 0 ~ 1535.153515 | Counter_Done |
| B        | CR_Done     | DDDD.DDDDdd | 0 ~ 1535.153515 | Control_Done |
| B        | L_Bit       | DDDD.DDDDdd | 0 ~ 1535.153531 | Long         |
| W        | Y           | DD.DDD      | 0 ~ 96.255      | Output       |
| W        | X           | DD.DDD      | 0 ~ 96.255      | Input        |
| W        | SR          | DDD         | 0 ~ 127         | Status       |
| W        | B           | DDDD.DDDD   | 0 ~ 1535.1535   | Bit          |
| W        | N           | DDDD.DDDD   | 0 ~ 1535.1535   | Integer      |

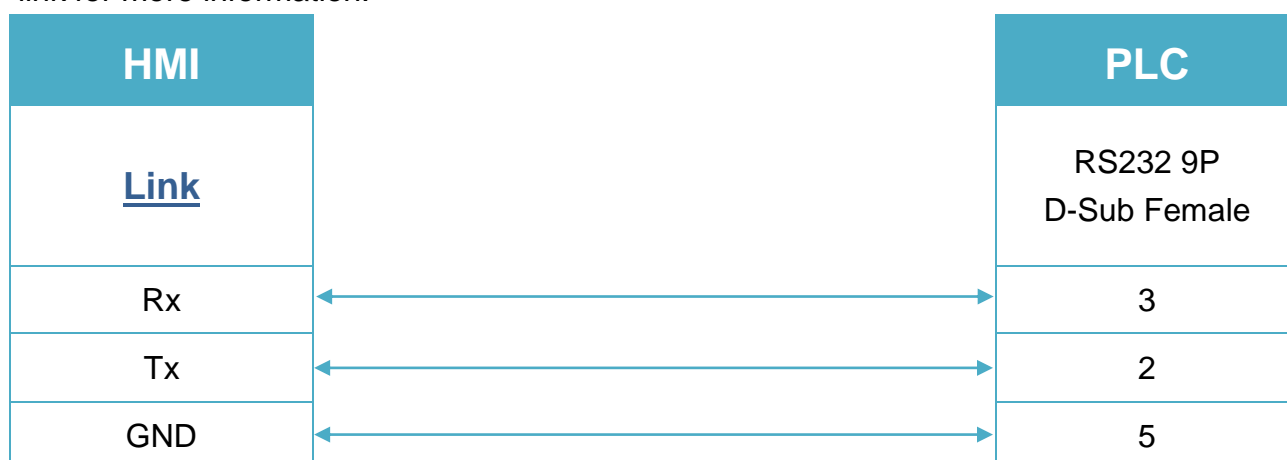
| Bit/Word | Device type | Format      | Range           | Memo                |
|----------|-------------|-------------|-----------------|---------------------|
| W        | A           | DDDD.DDDD   | 0 ~ 1535.1535   | ASCII               |
| W        | ST_Length   | DDDD.DDD    | 0 ~ 1535.779    | String_Length       |
| W        | ST_Data     | DDDD.DDD.DD | 0 ~ 1535.779.42 | String_Data         |
| W        | CR_Length   | DDDD.DDDD   | 0 ~ 1535.1535   | Control_Length      |
| W        | CR_Pos      | DDDD.DDDD   | 0 ~ 1535.1535   | Control_Postion     |
| W        | F           | DDDD.DDDD   | 0 ~ 1535.1535   | Float               |
| W        | L           | DDDD.DDDD   | 0 ~ 1535.1535   | Long                |
| W        | TM_Preset   | DDDD.DDDD   | 0 ~ 1535.1535   | Timer_Preset        |
| W        | TM_Acc      | DDDD.DDDD   | 0 ~ 1535.1535   | Timer_Accumulator   |
| W        | CT_Preset   | DDDD.DDDD   | 0 ~ 1535.1535   | Counter_Preset      |
| W        | CT_Acc      | DDDD.DDDD   | 0 ~ 1535.1535   | Counter_Accumulator |

## 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

#### Ethernet cable:

