**Contents** [ hide ]



# WEINTEK Mitsubishi A173UH PLC Connection Via Ethernet Tutorial

## Product Information

### Specifications

- Supported Series: Mitsubishi A173UH, A2A, A2U, A2AS, A2USH, A3U
- PLC I/F: RS232
- Baud rate: 9600
- Data bits: 8
- Parity: Odd
- Stop bits: 1

## Product Usage Instructions

### Mitsubishi A173UH/A2A/A2U/A2AS/A2USH/A3U

Supported Series: Mitsubishi A173UH,A2A,A2U,A2AS,A2USH,A3U

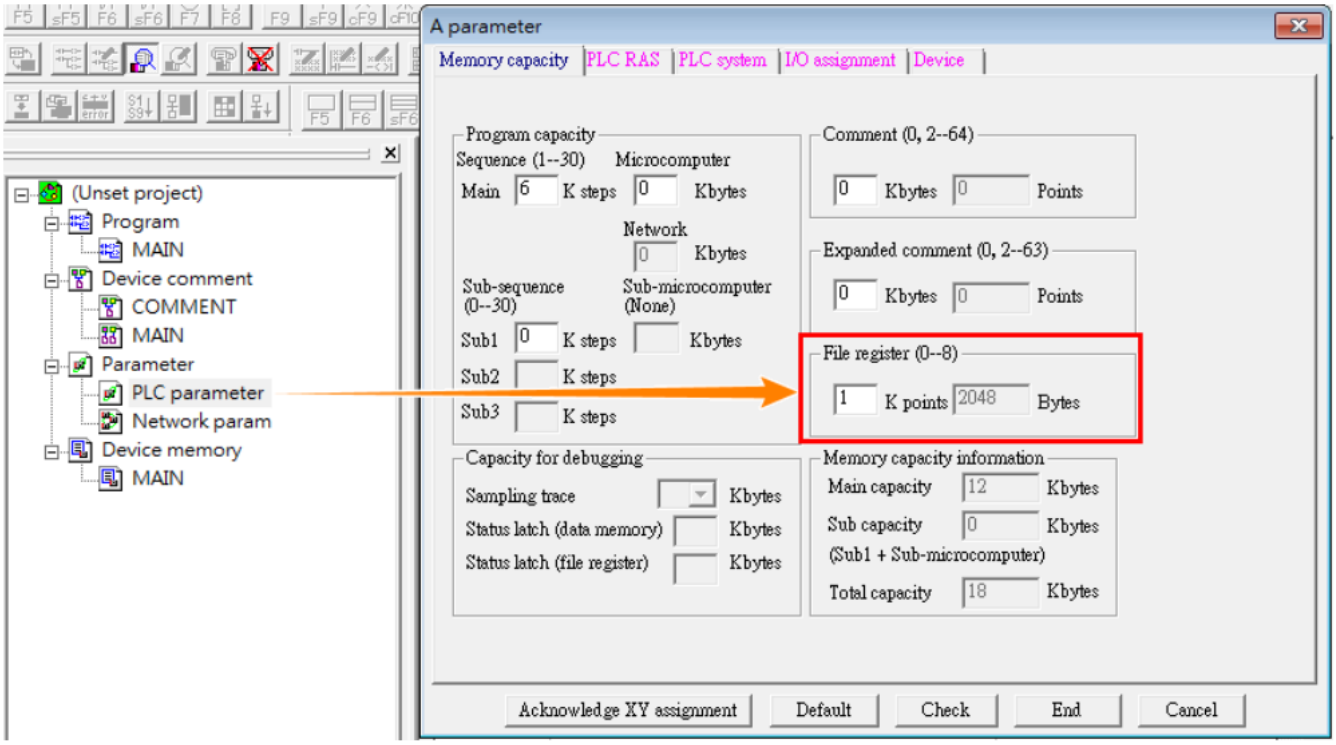
Website: http://www.mitsubishi-automation.com/

## HMI Setting

| Parameters | Recommended | Options | Notes |
|---|---|---|---|
| **PLC type** | Mitsubishi A173UH/A2A/A2U/A2AS/A2USH/A3U | | |
| **PLC I/F** | RS232 | | |
| **Baud rate** | 9600 | | |
| **Data bits** | 8 | | |
| **Parity** | Odd | | |
| **Stop bits** | 1 | | |
| **PLC sta. no.** | 0 | | |
| **File register** | 0 | 0 ~ 8 | *Note |

| | | | |
|---|---|---|---|
| **Device type** | A2A / A2U | A2A/A2U/A2AS/A2USH/<br><br>A173UH/A3U | |

***Note:** Parameter -> Memory capacity -> File register



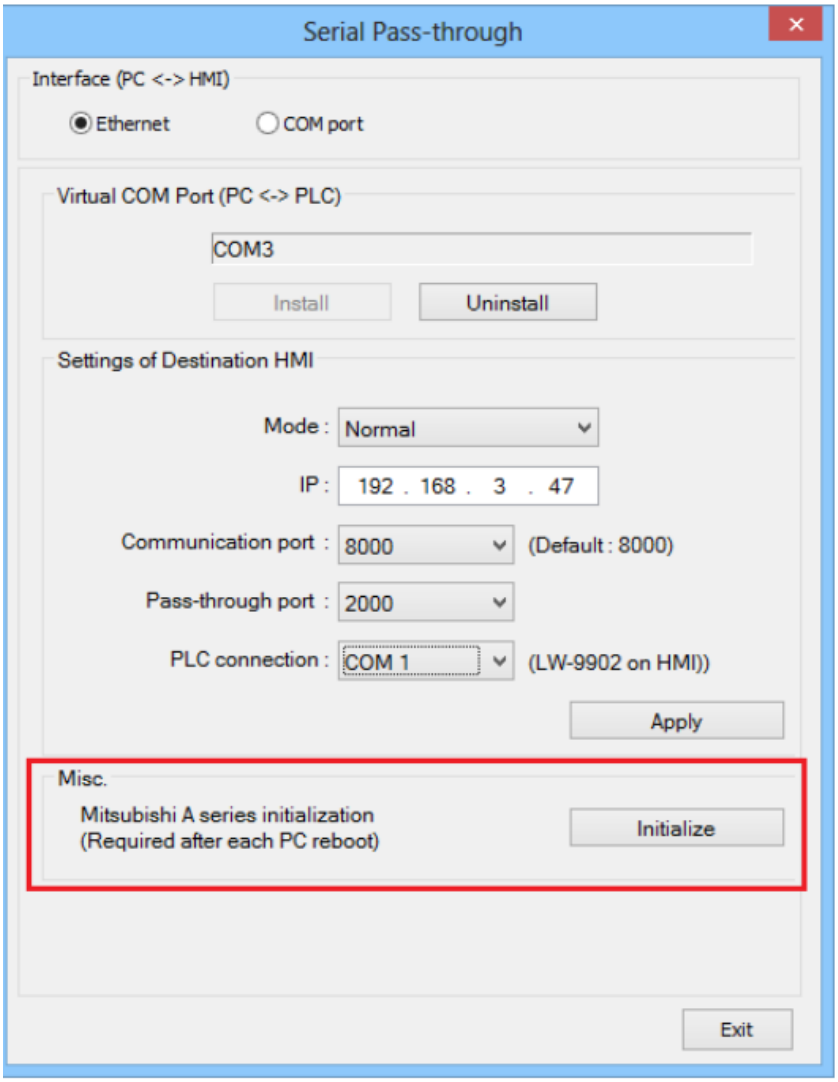

## Device Address

| Bit/Word | Device type | Format | Range | Memo |
|---|---|---|---|---|
| B | X | HHHH | 0 ~ 270f | Input Relay |
| B | Y | HHHH | 0 ~ 270f | Output Relay |
| B | M | DDDD | 0 ~ 9999 | Auxiliary Relay |
| B | B | HHHH | 0 ~ ffff | |
| B | F | DDDDD | 0 ~ 65535 | |
| W | TV | DDD | 0 ~ 2047 | Timer Memory |
| W | CV | DDD | 0 ~ 1023 | Counter Memory |

| | | | | |
|---|---|---|---|---|
| W | D | DDDD | 0 ~ 9999 | Data Register |
| W | W | HHHH | 0 ~ ffff | |
| W | R | DDDDD | 0 ~ 65535 | |

**Pass-through**

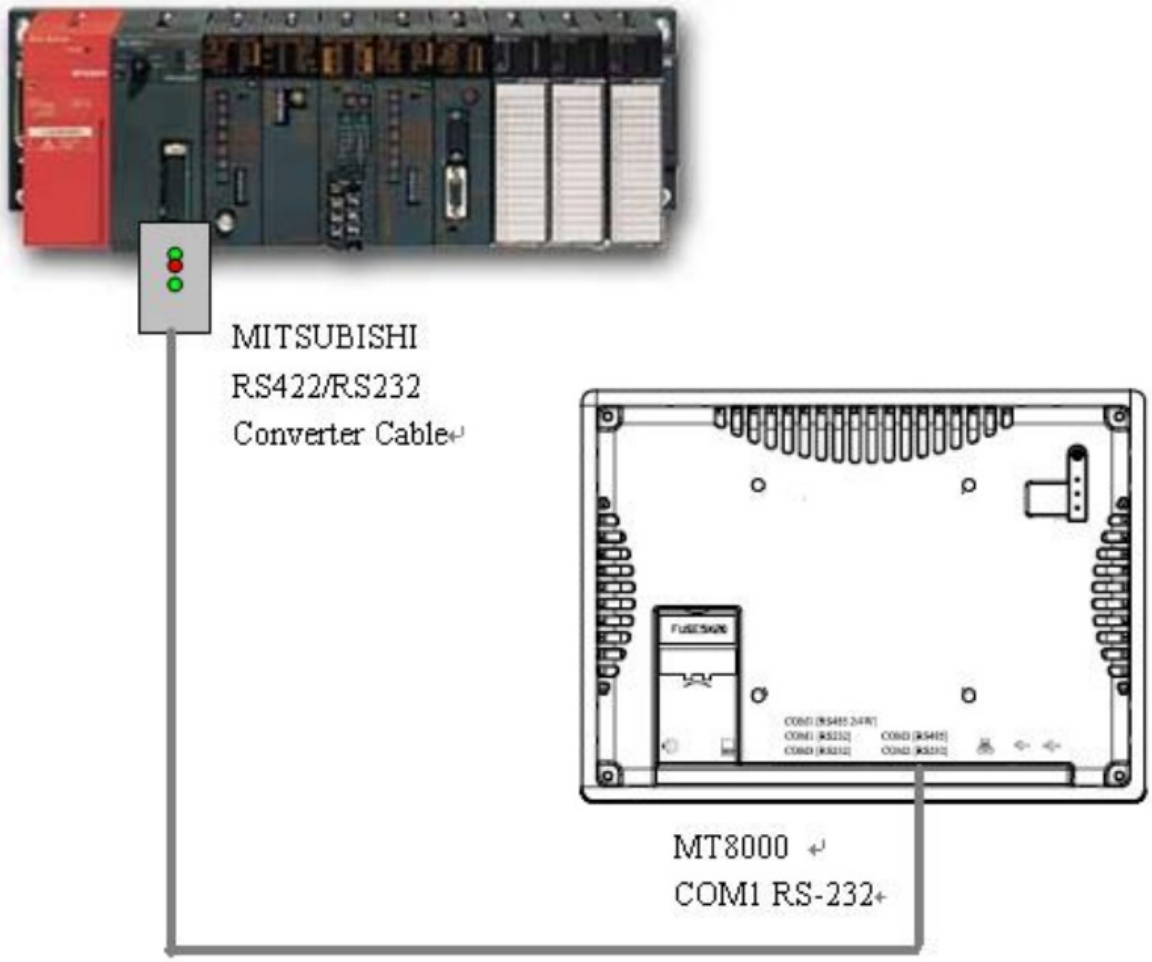
When the PC reboots or virtual com port is reinstalled, it needs to be re-initialized for pass-through.




## Wiring Diagram

Use the RS422 to RS232 PLC programming cable (shown as follows)

MITSUBISHI AnS CPU




**Note:** Due to hardware limitations, this PLC is not supported by HMI models without RTS/CTS.

## Diagram 1

### RS-232

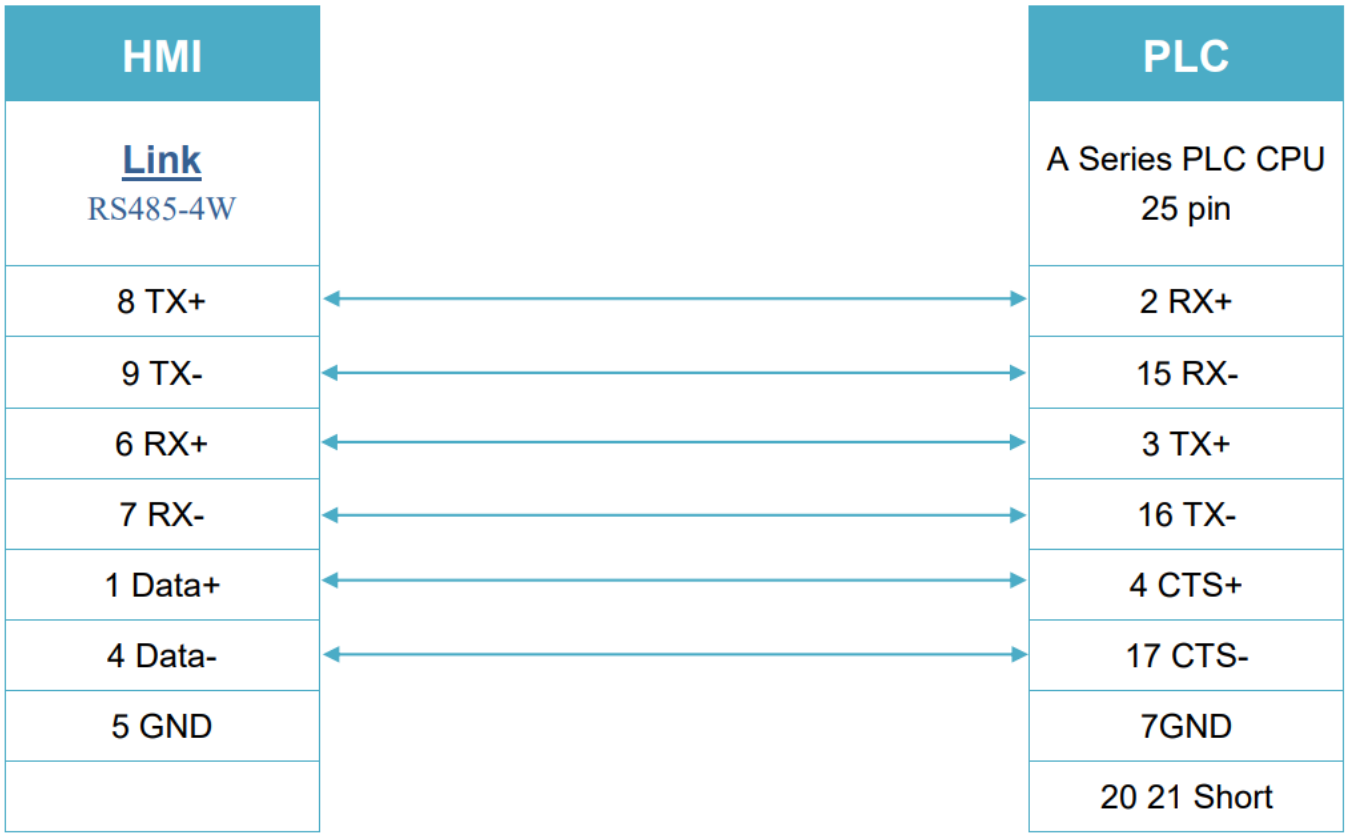
The serial port pin assignments may vary between HMI models, please click the following link for more information.

| **HMI** | **PLC Programming Converter** | | **PLC** |
|---|---|---|---|
| **Link** | | | RS422 25P<br>D-Sub Male |
| Rx | TX | TX+ | 2 RX+ |

| | | | |
|---|---|---|---|
| Tx | RX | RX+ | 3 TX+ |
| GND | GND | DTR+ | 4 DSR+ |
| RTS | CTS | GND | 7 GND |
| CTS | RTS | TX- | 15 RX- |
| | | RX- | 16 TX- |
| | | DTR- | 17 DSR- |

## Diagram 2

cMT-G01, cMT-G02, cMT-SVR-100/200, cMT-FHDX-820, cMT-SVRX-820 connection diagram




## FAQ

- **Q: What should I do if the PC reboots and pass-through needs to be re-initialized?**

  A: You need to re-initialize the pass-through when the PC reboots or virtual com port

is reinstalled.

- **Q: Which HMI models are not supported due to hardware limitations?**

  A: HMI models without RTS/CTS are not supported by this PLC.

# Documents / Resources

| | |
|---|---|
|  | WEINTEK Mitsubishi A173UH PLC Connection Via Ethernet Tutorial [pdf] Instructions<br>A173UH, A2A, A2U, A2AS, A2USH, A3U, Mitsubishi A173UH PLC Connection Via Ethernet Tutorial, Mitsubishi, A173UH PLC Connection Via Ethernet Tutorial, Connection Via Ethernet Tutorial, Via Ethernet Tutorial, Ethernet Tutorial |

## References

- User Manual

WEINTEK

A173UH, A173UH PLC Connection Via Ethernet Tutorial, A2A, A2AS, A2U, A2USH, A3U, Connection Via Ethernet Tutorial, Ethernet Tutorial, Mitsubishi, Mitsubishi A173UH PLC Connection Via Ethernet Tutorial, Via Ethernet Tutorial, WEINTEK

# Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

Save my name, email, and website in this browser for the next time I comment.

Post Comment

## Search:

e.g. whirlpool wrf535swhz

Search