

YASKAWA MP3000 Series – Extension (Ethernet)

Website: <http://www.yaskawa.com/site/home.nsf/home/home.html>

HMI Setting:

| Parameters | Recommended | Options | Notes |
|-----------------|-----------------------------------|-------------|------------|
| PLC type | YASKAWA MP3000 Series – Extension | | |
| PLC I/F | Ethernet | | |
| Port no. | 1024 | 256 ~ 65535 | Local Port |
| Source Port no. | 1024 | 256 ~ 65535 | |

The screenshot shows the 'IP Address Settings' dialog box with the following values:

- IP address: 192 . 168 . 1 . 1
- Port no.: 1024
- Source port no.: 1025

The background window shows the 'Transmission Parameters' section with the following table:

| CNO | Local Port | Node IP Address | Node Port | Connect Type | Protocol Type |
|-----|------------|-----------------|-----------|--------------|------------------|
| 01 | 01024 | 192.168.001.107 | 01025 | UDP | Extended MEMOBUS |
| 02 | 02024 | 192.168.001.108 | 02025 | UDP | Extended MEMOBUS |
| 03 | 10000 | 192.168.001.107 | 10001 | TCP | Extended MEMOBUS |

After checking enable, it will take effect after writing to plc and restarting.

The screenshot shows the 'I/O Message' settings with the following values:

- I/O Message: Enable

The background window shows the 'Transmission Parameters' section with the following table:

| CNO | Local Port | Node IP Address | Node Port | Connect Type | Protocol Type |
|-----|------------|-----------------|-----------|--------------|------------------|
| 01 | 01024 | 192.168.001.107 | 01025 | UDP | Extended MEMOBUS |
| 02 | 02024 | 192.168.001.108 | 02025 | UDP | Extended MEMOBUS |
| 03 | 10000 | 192.168.001.107 | 10001 | TCP | Extended MEMOBUS |

Device Address:

| Bit/Word | Device type | Format | Range | Memo |
|----------|-------------|---------|--------------|------|
| B | SB | DDDDh | 0 ~ 65534f | |
| B | IB | HHHHh | 0 ~ 27fff | |
| B | OB | HHHHh | 0 ~ 27fff | |
| B | MB | DDDDDDh | 0 ~ 1048575f | |
| B | GB | DDDDDDh | 0 ~ 2097151f | |
| W | SW | DDDD | 0 ~ 65534 | |
| W | IW | HHHH | 0 ~ 27fff | |
| W | OW | HHHH | 0 ~ 27fff | |
| W | MW | DDDDDD | 0 ~ 1048575 | |
| W | GW | DDDDDD | 0 ~ 2097151 | |

Wiring Diagram:

Ethernet cable

