

Quick User Guide

MINT – CP Module

The mint CP is works as Ethernet to serial convertor and connects mint IOs to Ethernet network.

Factory default IP address is:

192.168.100.110

Technical Specifications:

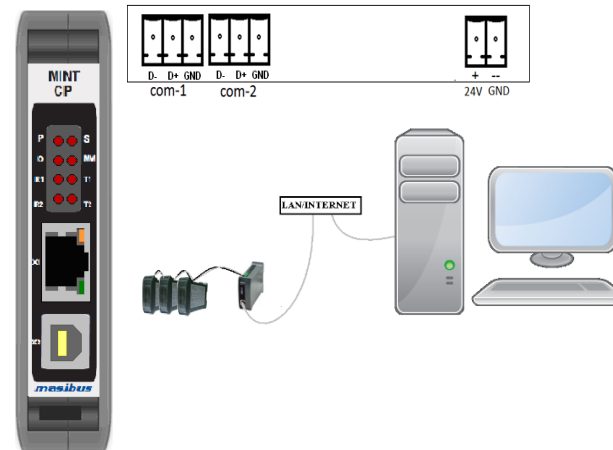
Voltage Requirements:	
Logic Supply voltage	18 - 32Vdc
Logic Supply Current	100mA max @24V
Power Consumption	< 2.5W
Ethernet port Specifications:	
Network interface	Ethernet 10/100Base-T(auto-detecting)
Connector	RJ45 connection (auto-crossover)
Protocols	TCP/IP, ARP, UDP,DHCP, Modbus TCP/IP, HTTP
NO of Client for Modbus TCP/IP	Up to 15
Performance Specifications	
Processor	32-bit CPU ARM Core
Maximum No. of Read Registers	1024
Maximum No. of Write Registers	1024
Configuration and Diagnostics	mINT-Plus software
No. of mINT-IO support	Up to 15-mINT-IOs

Serial Port Specifications:	
Communication Port	RS485 port 1 & 2 (D+, D-, GND)
Baud rate	9600, 19200, 38400, 57600,115200 bps.
Parity	ODD, EVEN ,NONE
Data bits	8
Stop bit	1, 2
Protocols	Modbus RTU master
Diagnostic Port	USB 2.0 – Modbus RTU slave
Environmental Specifications:	
Operating Temperature	0° C to 55° C
Storage Temperature	-10° C to 70° C
Humidity (Non-condensing)	30 to 95% RH

The mINT CP is configurable through mINTPLUS software. This is used for changing Ethernet configuration

Configured mint IOs are addressed according to their variables, which are represent whether read or write. Each variable occupies 5 addresses. For all variables, base address is 44001. MINT CP can handle either 100 Queries maximum or 1024 Read + 1024 write registers.

Connections



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