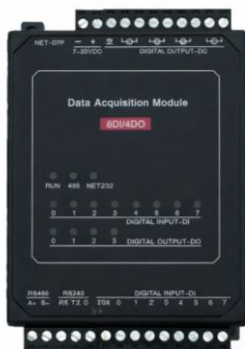


QTIO-D8I4OE REMOTE IO (8DI+4DO with RS485 & ETHERNET)



Year Warranty



Conformity/Certifications



Industrial Grade



DIN Rail Mount

TECHNICAL DETAILS

SYSTEM PARAMETERS

CPU	32-bit ATMEL ARM, 72 MHz
OSDD	GCOS, 10ms scheduling mechanism
Power	7-35VDC @2W, power supply reverse protection, isolation design
Installation	DIN rail mounting or screw fixing
Working Environment	-40°C ~ 85°C / 5% ~ 95% RH (non-condensing)
Protection	IP20
Watchdog	1.5m guard

SERIES PORT PARAMETERS

Port Type	1 x RS485
Protection	DCDC isolation design, 2500V lightning protection, ESD, overvoltage, overcurrent protection
Baud Rate	1200~115200, default 9600
Parity	Even, Odd, None
Start Bit	1 bit
Data Bits	8 bit
Stop Bits	1,2 bits
Protocol	MODBUS RTU
Default	9600.N.8.1, slave id is 1

ETHERNET PORT PARAMETERS

Port Type	RJ45
Communicate Protocol	MODBUS TCP, MODBUS UDP
Communicate Rate	1000 times/s



QTIO-D8I4OE REMOTE IO (8DI+4DO with RS485 & ETHERNET)

TECHNICAL DETAILS

ETHERNET PORT PARAMETERS

Bandwidth	10M/100Mbps
IP Address	192.168.1.75
Port	502

DIGITAL INPUT

ON signal level	5-30VDC, 6mA@24VDC
OFF signal level	0-3VDC
Protection	Optocoupler Isolation, 2500V Lightning Protection, Overvoltage, Overcurrent Protection

DIGITAL OUTPUT

Output type	Normal open relay
Isolation	Optocoupler Isolation & Relay Isolation
Resistive load	5A/250VAC, 5A/30VDC
Response time	≤0.01s

CONFUGURATION SOFTWARE

DATA ACQUISITION MODULE

INFO

ID1:

ID2:

USER:

MODULE INFO

RS232/RS485

COM ID: Parity:

Baud Rate: Word Length:

Device Id: Stop Bits:

TCP/IP

IP Address:

Service Port:

UART-RS485

Address:

Baud Rate:

Parity:

Length:

Stop Bits:

Dev Type:

Protocol:

TimeOut:

UART-RS232

Address:

Baud Rate:

Parity:

Length:

Stop Bits:

Dev Type:

Protocol:

TimeOut:

TCP IP

Address:

IP Address:

Service Port:

Net_Subr:

GateWay:

MAC:

KeepLive: *30s <=255

USER

SEL

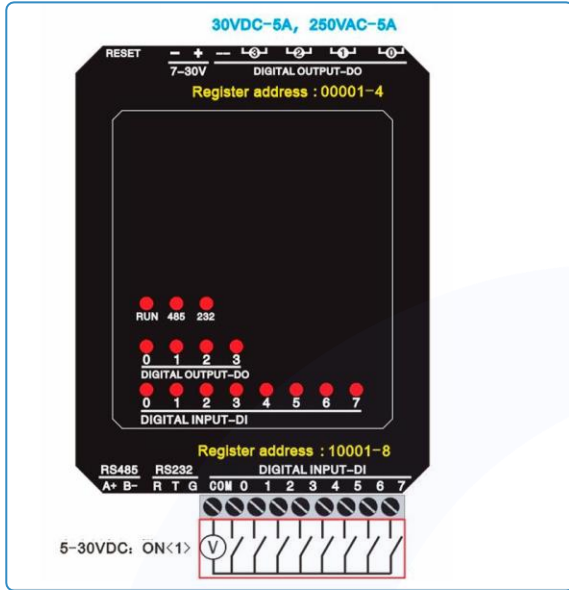
READ

WRITE

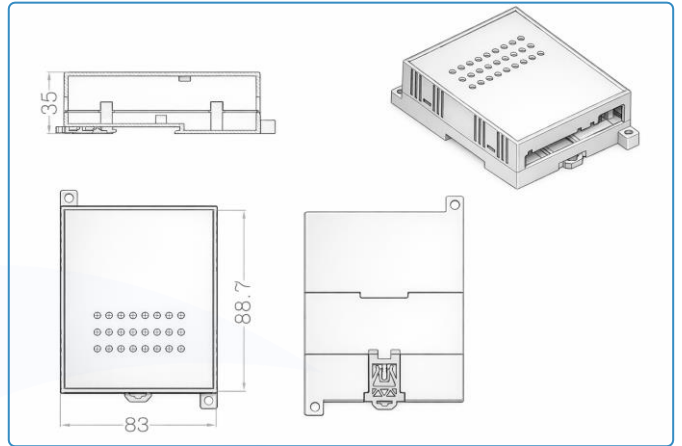


QTIO-D8I4OE REMOTE IO (8DI+4DO with RS485 & ETHERNET)

WIRING DIAGRAM



DIMENSIONS



ORDERING INFO

PART NUMBER	IO PORT	COMMUNICATION PORT	PROTOCOL
QTIO-D8I4O	8DI + 4DO (relay)	RS232+RS485	Modbus RTU
QTIO-D8I4OE	8DI + 4DO (relay)	RS485+ETHERNET	Modbus RTU, Modbus TCP

