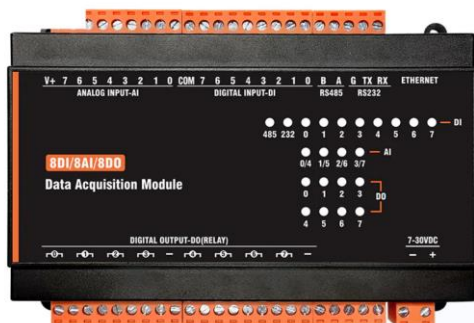


QTIO-D8I8OE REMOTE IO (8DI+8DO with RS232, RS485 & ETHERNET)



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 & 1 x RS232
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-D8I8OE REMOTE IO (8DI+8DO with RS232, RS485 & ETHERNET)

TECHNICAL DETAILS

ETHERNET PORT PARAMETERS

Bandwidth	10M/100Mbps
IP Address	192.168.1.75
Port	502

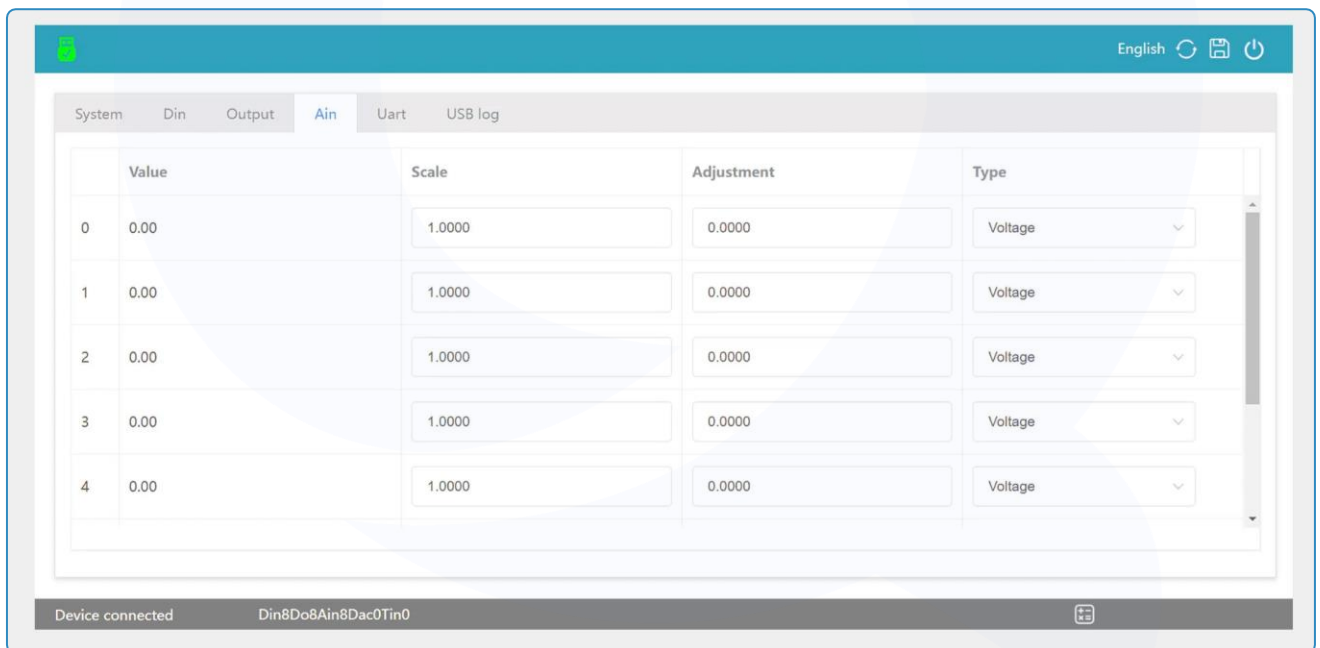
DIGITAL INPUT

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

DIGITAL OUTPUT

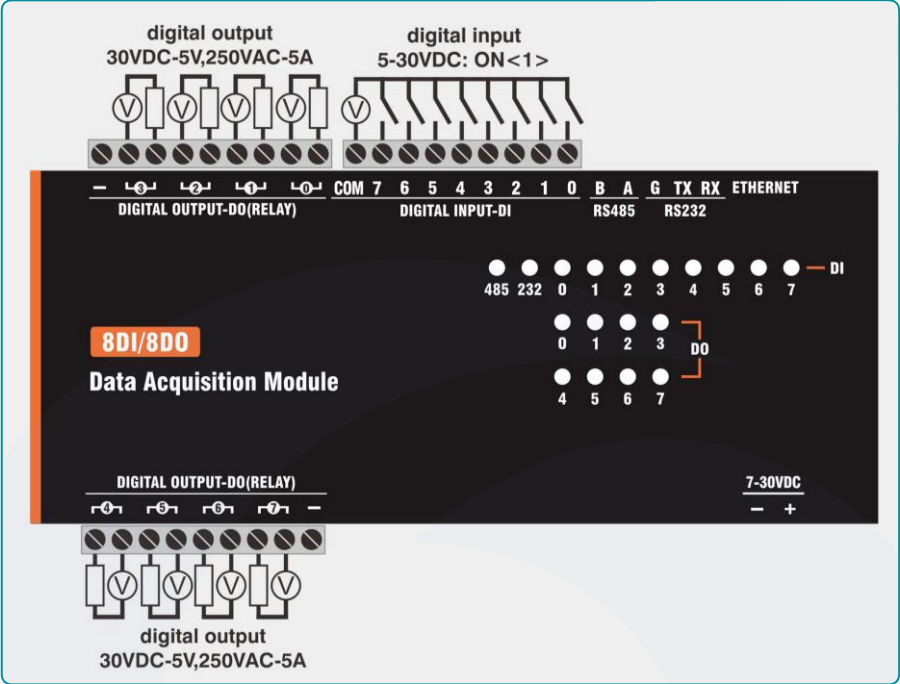
Output type	Normal open relay
Isolation	Optocoupler Isolation & Relay Isolation
Resistive load	5A/250VAC, 5A/30VDC
Response time	≤0.01s

CONFUGURATION SOFTWARE

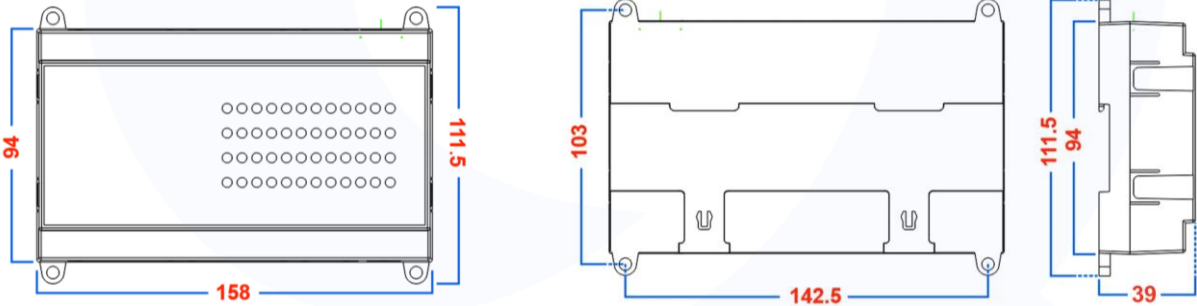


QTIO-D8I8OE REMOTE IO (8DI+8DO with RS232, RS485 & ETHERNET)

WIRING DIAGRAM



DIMENSIONS



ORDERING INFO			
PART NUMBER	IO PORT	COMMUNICATION PORT	PROTOCOL
QTIO-D8I8O	8DI + 8DO (relay)	RS232+RS485	Modbus RTU
QTIO-D8I8OE	8DI + 8DO (relay)	RS232+RS485+ETHERNET	Modbus RTU, Modbus TCP

