

IO-0800-485

Remote IO Module

Simple yet Open

- ❖ ARM Cortex 32-bits Processor
- ❖ RS485 X 1
- ❖ Optocoupler Isolation Signal
- ❖ Dip Switch Address
- ❖ Less IO Points
- ❖ Cost-effective
- ❖ Alarm Handler



Review

IO-0800 is provided with 8 switching optocoupler input function, supports standard BACnet MSTP and Modbus RTU two of the largest open source communication protocols, collects switching signal into the system.

Features

❖ Standard Open Source Protocol

Provided with two of the largest communication protocols in building-automation, BACnet MSTP and Modbus RTU, and able to achieve real-time monitoring and communication with upper layer software.

❖ Online Firmware Upgradable/Configurable

Controller can be upgraded and configured through RS485 connection.



Device Informations

Model	IO-0800-485
Description	IO-0800 DDC-8446 Series: Remote IO Module (8DI)
Name	IO-0800-485

Device Parameters

Exterior	Size	86x134x62mm
	Casing Material	UL 94 ABS+PC
	Weight	183g
Electrical Ratings	Power Supply	24V AC +/- 5% or 24V DC +20%/-15%
	Power Consumption	<10W
	Rated Current	1A at 24VAC/VDC
	Operating Temperature	32 to 131 °F (0 to 55 °C)
	Storing Temperature	-4 to 185 °F (-20 to 85 °C)
	Operating Humidity	0% to 95% relative humidity, without condensation
	Digital Input	8 Channels
		Type: Dry Contact, Isolated 3.7kV
Limit: ON State <50000Ω, OFF state > 90000Ω		
Communication	RS485	EIA-485 Standard Two Wire, Half Duplex, 1 Load
	Modbus Baud Rate	9.6K, 19.2K, 38.4K, 57.6K, 115.2K bit/s
	BACnet Baud Rate	9.6K, 19.2K, 38.4K, 76.8K, bit/s
	Byte Length	8 bits
	Parity	None, Even, Odd
	Supported Protocols	Modbus RTU or BACnet MSTP