

# IO-0008-485

## Remote IO Module

### Simple yet Open

- ✦ ARM Cortex 32-bits Processor
- ✦ RS485 X 1
- ✦ DO X 8
- ✦ DIP Switch Address
- ✦ Less IO Points
- ✦ Cost-effective
- ✦ Alarm Handler

## Overview

IO-0008-485 is provided with 8 switching optocoupler outputs. It supports standard BACnet MSTP and Modbus RTU, two of the largest open source communication protocols, to remote control the connected device through RS485 bus.

## Features

### ✦ Standard Open Source Protocol

Provided with two of the largest communication protocols in building-automation, 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 Information

Model	IO-0008-485
Description	IO-0008 DCM-8446 Series: Remote IO Module (8DO)
Name	IO-0008-485

## 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 Output	8 Channels Type: Relay, SPST NO, 30VDC 1A/125VAC 0.5A
Communication	RS485 X 1	EIA-485 Standard Two Wire, Half Duplex, 1 Load
	Baud Rate	9.6K, 19.2K, 38.4K, 57.6K ,76.8K, 115.2K bit/s
	Byte Length	8 bits
	Parity	None, Even, Odd
	Supported Protocols	Port (Bacnet MSTP or Modbus RTU)