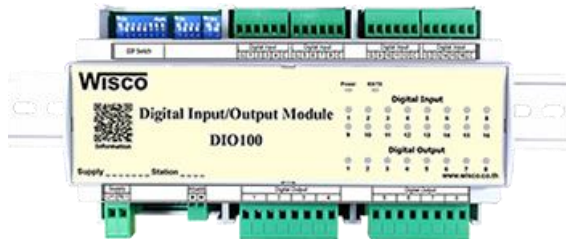


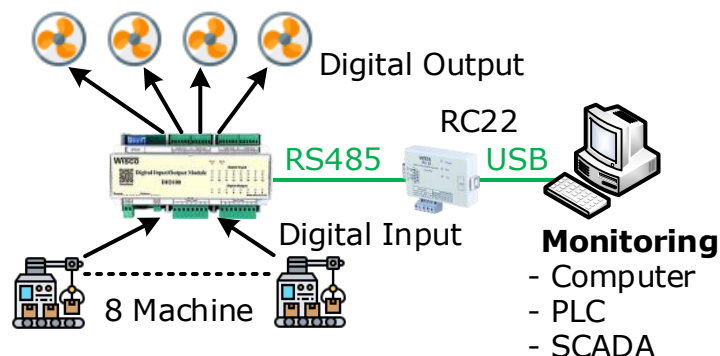
Digital Input/Output Module

DIO100

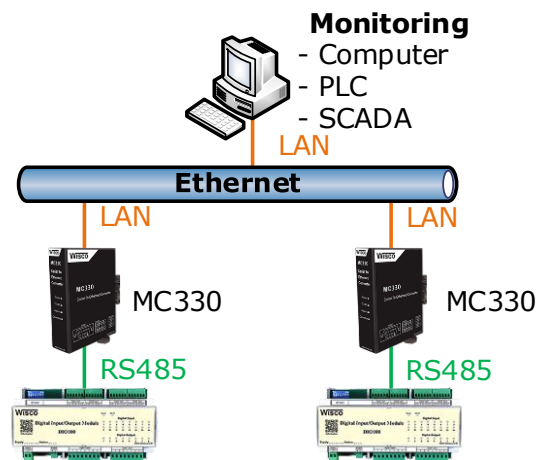


- 16 Digital Input (Isolated 1000 V)
- 8 Digital Output (Relay Contact)
- RS485 Isolated

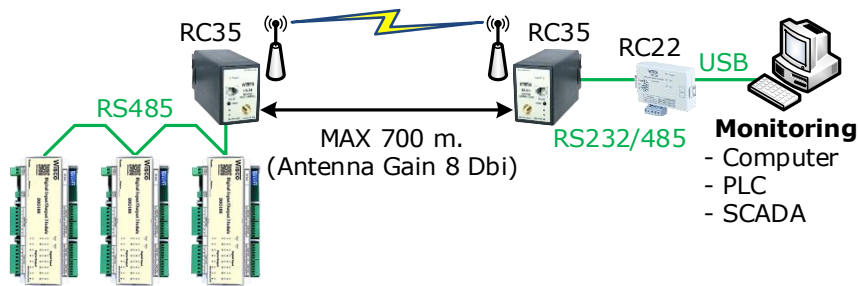
Digital Input/Output Module DIO100 The unit supports 16 digital input channels and 8 digital output channels (relay contacts). Control of the DIO100 is achieved by sending commands via RS485, enabling the use of a computer or PLC to program and manage the inputs and outputs. Typical applications include monitoring machine operating status or alarm conditions, as well as controlling ON/OFF operations using a computer or PLC.



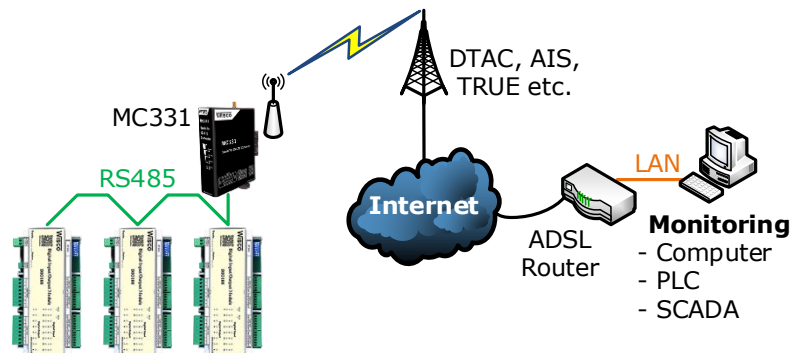
Display operational status and control the operation of various devices via RS485



Connection via Ethernet (MC330).



Connection via Wireless (RC35).



Connection via Internet (MC331).

Specifications

Serial Interface

Serial Standards:

RS485 (Isolated) 2 Pin Terminal Block

Loading: RS485 Max 32 Unit

Distance: RS485 Length 1 Km.

Protocol: MODBUS ASCII/RTU, Wisco ASCII

Supply Software: Citect, Wonderware, LAB View etc.

Serial Parameter

Baud Rate: 4800, 9600, 19200, 57600

Data Bits: 7, 8

Stop Bits: 1, 2

Parity: None, Odd, Even

Digital Input

Number of Channel: 16 Channels

Sensor Type: Wet Contact or Dry Contact

Wet Contact (DI to COM):

ON: 12 to 24 VDC

OFF: 0 VDC

Dry Contact (DI to GND):

ON: Short to GND

OFF: Open

Isolation: Opto Isolated

Ordering Information: Specify Power Supply

Example DIO100/110-230VAC

Package Checklist

1. DIO100

Relay Output

Number of Channel: 8 Channels

Relay Type: N.O.

Contact Rating:

5 A @ 250 VAC

5 A @ 30 VDC

Power Requirements

Power Supply: 110 to 230 VAC

12 to 35 VDC (Optional)

Power Consumption

Operate: 30 mA @ 12 VDC (0.36 W)

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W160 x H91 x D62 mm.

Mounting: DIN Rail

Warranty

Warranty Period: 5 Year