

POC-313

POWER/ RS-485 OVER CAT.X EXTENDER



Package Content

- ① POC-313 x 1
- ② User Manual x 1

Friendtrol Technologies, Inc

FEATURES

- Easy to install
- Extend the transmission distance up to 100m
- Supply power and data signals (RS-485) over Cat.X cable simultaneously
- Support up to 2 sets of power and RS-485
- Wide voltage supply range (12 - 24V)
- Fit for an existing analogue system (old system cables already installed)
- Equipped with built-in safety features such as emergency power supply cut off

SPECIFICATION I/O INTERFACE

RS-485 Serial Port **2 x 2pins-phenix terminal block**
For RS-485 only

Power **2 x 2pins-phenix terminal block**
Voltage: 12-24V
Maximum Power: 10W
Transmission Distance: 100m

OTHERS

Power Supply 12-24V DC

Operating Temperature -20°C to 75°C (4°F to 167°F)

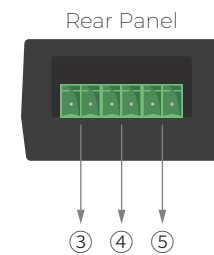
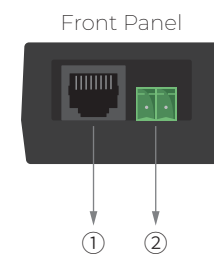
Storage Temperature -40°C to 85°C (-40°F to 185°F)

Enclosure Plastic

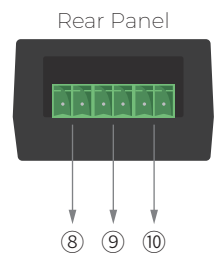
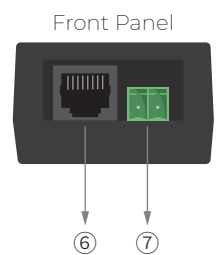
Fixedness Mounting Ear with Screws

Device Dimension (WxDxH) 43x56x26 mm (1.7"x2.2"x1")

Transmitter (TX)



Receiver (RX)



1) RJ-45

Connect to Cat.X cable

2) Power Input 1

Connect to power supply

3) RS-485 Input 1

Connect to local device with RS-485

4) Power Input 2

Connect to power supply

5) RS-485 Input 2

Connect to local device with RS-485

6) RJ-45

Connect to Cat.X cable

7) Power Output 1

Connect to remote device

8) RS-485 Output 1

Connect to remote device with RS-485

9) Power Output 2

Connect to remote device

10) RS-485 Output 2

Connect to remote device with RS-485