

Wireless RS485/422

RC36



- Long Distance 700 m.
- No Wiring (RF Link)
- Easy to install

Wireless RS485/422 RC36 This device is used to transmit RS485/422 signals via radio waves, reducing installation costs by eliminating the need for signal cabling.

Specifications

Wireless Interface

RF Standard: 802.15.4/ZigBee compliant

Frequency Band: 2.4 GHz

Max. RF Data Rate: 250 Kbps

Rx sensitivity: -102 dBm

Tx Power: +10 dBm (Max)

Transmission Distance:

Up to 90 m. Indoor/Urban

Up to 700 m. Outdoor RF line-of-sight

(With Antenna gain > 8 dBi)

Antenna Connector:

RP-SMA, Jack/Female

RF Channel: 12 channels

Network Topology: Point-to-Point

Serial Interface

Serial Standards:

RS-485/422 (Isolated) 5 pin Terminal Block

Loading: RS-485/422 Max 32 Unit

Distance: RS-485/422 length 1 Km.

Serial Parameter

Baud Rate: 4800, 9600, 19200, 38400, 57600, 115200

Data Bits: 7, 8

Stop Bit: 1, 2

Parity: None, Odd, Even

Power Requirements

Power Supply: 12 to 24 VDC

Power Consumption

Standby: 180 mA @12 VDC

Transfer Data: 185 mA @ 12 VDC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W95 x H65 x D55 mm.

Warranty

Warranty Period: 5 Year

Ordering Information:

Example RC36

Package Checklist

1. RC36

