

WSN-4510

WSN-4520

WSN Router Node

WSN Modbus RTU Gateway

NEW



WSN-4510



Specifications

General

- Connectors 1 x DB9-F (RS-232)
- Power Input 10~26 V_{DC}
- Power Consumption 1.44 W @ 12 V_{DC}
- Dimensions (LxWxH) 99 x 61.5 x 28 mm (3.9" x 2.42" x 1.1")
- Mounting Wall mount

Wireless Communication

- IEEE Standard IEEE 802.15.4
- Modulation Type O_QPSK
- Frequency Band 2.4 GHz ~ 2.4835 GHz
- Channels 11-26
- RF Data Rate 250 kbps
- Transmit Power Typ. 19 dBm (±1.0 dBm)
- Receiver Sensitivity -96 dBm
- Topology Star / Tree
- Outdoor Range Up to 1000 m (2 dBi Antenna)

Environment

- Operating Temp -10~65° C (14~149° F)
- Storage Temp -20~80° C (-4~176° F)
- Operating Humidity 0~95% RH (non-condensing)
- Storage Humidity 0~95% RH (non-condensing)

Ordering Information

- WSN-4510 WSN Router Node

*Note: Product not FCC approved in N. America.

NEW



WSN-4520



Specifications

General

- Connectors 1 x Plug-in terminal block (#14~22 AWG)
- Power Input 10~26 V_{DC}
- Power Consumption 0.6 W @ 12 V_{DC}
- Dimensions (LxWxH) 99 x 61.5 x 28 mm (3.9" x 2.42" x 1.1")
- Mounting Wall mount

Wireless Communication

- IEEE Standard IEEE 802.15.4
- Modulation Type O_QPSK
- Frequency Band 2.4 GHz ~ 2.4835 GHz
- Channels 11-26
- RF Data Rate 250 kbps
- Transmit Power Typ. 1 dBm (±1.0 dBm)
- Receiver Sensitivity -96 dBm
- Topology Star / Tree
- Outdoor Range Up to 250 m (2 dBi Antenna)

Environment

- Operating Temp -10~65° C (14~149° F)
- Storage Temp -20~80° C (-4~176° F)
- Operating Humidity 0~95% RH (non-condensing)
- Storage Humidity 0~95% RH (non-condensing)

Serial Communication

- Port Type RS-485 (2-wire)
- Speed Modes (bps) 1200~38.4 k
- Supported Protocol Modbus RTU

Ordering Information

- WSN-4520 WSN Modbus RTU Gateway

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