



Part Number: ENV-PR



Description

ENV-PR - RS-Wi point repeater. 418MHz RF receiver with an integrated 900MHz transmitter. It receives error-checked data packets from wireless 418MHz sensors, processes the data, and then transmits the data to 900MHz devices. Multiple repeaters can coexist and can communicate with the RS-Wi wireless gateway and other ENV-PR mesh repeaters. The ENV-PR provides a means for extending the range of 418MHz battery powered sensors and controls into a mesh network of 900MHz wireless point repeaters (ENV-PRs) and Ethernet-connected servers and managers. As many as 26 layers of ENV-PRs can coexist.

Features

Specifications:

- Power: 6-24 VDC @ 300mA
- Transmission-Frequency: 418MHZ
Range: 900MHz spread spectrum transceiver mesh repeater up to 300 ft. (91.4m) indoors
- Operating Temperature: 0 to 70° C (-32 to 158°F)
- Storage Temperature: -40 to 85°C (-40 to 185°F)
- Dimensions: 3.3 W x 3.3 H x 1.4 D (63.5mm W x 50.8mm H x 25.4mm D)
- Weight: 6.44 oz (182.6g)
- Mounting: wall mount or free standing for ease of relocation
- Certification: FCC Part 15, Class B, FCC ID: M5ZP6EZ10

Product Highlights

- Wireless with compact enclosure
- Up to 26 layers in a mesh network
- Moisture resistant coating on electronics
- FCC-certified transmitters (ENV-PR and Field Verifier)
- Easy installation and simple to relocate
- One year warranty

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