H14 900 MHz Receiver

Wireless Sensors

Rev. 01/05/11

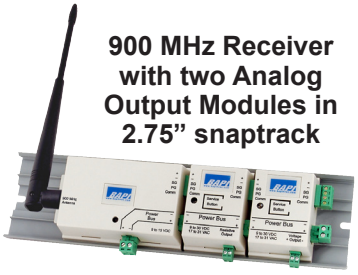
Features & Options

- 1,000 Foot Range with a Repeater
- Optional 79” Extendable Antenna for Optimum Reception
- Surface, Snaptrack or Din Rail Mounting
- Can Accommodate Up To 127 Analog Output Modules

900 MHz Receiver with attached antenna

The BAPI 900 MHz unit receives a repeated or re-transmitted RF signal from one or more wireless temperature or humidity transmitters. The transmitter signal (418 MHz) is received by a BAPI Repeater and then re-transmitted at 900 MHz up to 1,000 feet to the 900 MHz Receiver.

The 900 MHz Receiver then outputs the values to any Analog Output Module through a four-wire bus. The output module converts the signal to an analog voltage, current or resistance for the controller. The 900 MHz Receiver can accommodate up to 127 different output modules. The receiver is surface, snaptrack or din rail mountable with an attached antenna or a 79” extendable antenna.



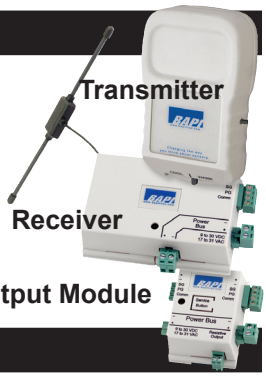
900 MHz Receiver with two Analog Output Modules in 2.75” snaptrack

PART #s: **BA/RCV900-EZ** - 900 MHz Receiver with Attached Antenna
BA/RCV900-EA-EZ - 900 MHz Receiver with Extendable Antenna

Replacement Antennas pg. H34

See end of Section H for list pricing.

Associated Products



• **Wireless Temperature or Temp/Humidity Transmitter:** Measures the room temperature and/or humidity and transmits the data through 418MHz RF to a receiver.

• **Analog Output Modules:** Converts the signal from the Receiver into a Resistance, Voltage or Current for the DDC controller.

• **Repeater:** Extends the range of the Transmitter up to 1,000 feet.

Specifications for the 900 MHz Receiver

Supply Power: 9 to 15 VDC

Power Consumption: 80 mA max. DC

Bus Cable Distance:
4,000 ft with shielded, twisted pair cable (Belden 9841, Belden 8132 or equivalent)

Inputs: 900MHz

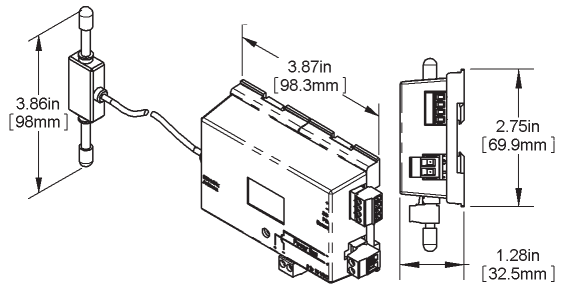
Maximum Output Modules per Receiver: 127

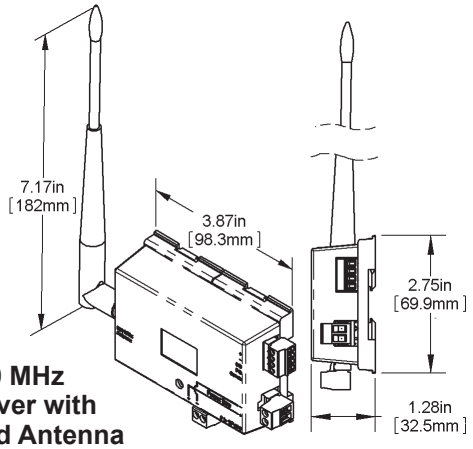
Environmental Operation Range:
Temp: 32°F to 140°F (0°C to 60°C)
Humidity: 5% to 95% RH non-condensing

Material: ABS Plastic

Material Rating: UL94, V-0

900 MHz Receiver with Extendable Antenna





900 MHz Receiver with Attached Antenna

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