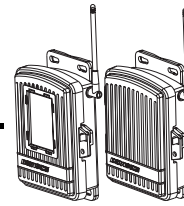


Wireless Repeater

AC and Solar Powered



7626
7627

Weather Accessories

The Wireless Repeater receives data from any compatible transmitter and re-transmits it to any compatible Vantage Pro2 receiver. The repeater extends the transmission range and improves reception between the transmitter and the receiver.

Each repeater has a transmitting and receiving range of between 200' to 1000' (75 to 300 m) depending upon the environment. The repeater can listen for up to eight different transmitter signals and can pass those signals on to another repeater or to any number of receivers.

AC-powered repeaters (#7626) include an AC-power adapter and a battery. Solar-powered repeaters (#7627) include a solar power panel, regulator, and battery.

General

- Operating Temperature -40° to +150°F (-40° to +65°C)
- Non-operating Temperature -40° to +158°F (-45° to +70°C)
- Current Draw 0.3 mA (with 1 ID)
- AC-Power Adapter (7626 only) 5 vdc, 200 ma regulated
- Primary Power Source (7627 only) Solar Power
- Secondary Power Source Battery back-up
- Batteries CR 123A 3-volt lithium battery
- Battery Life Estimates (with no solar or AC power input):

# of IDs [†]	Estimated Life Expectancy (Months)
1	4
4	1.5
8	<1

[†]Both received directly by the repeater and those IDs repeated from the previous repeater in a chain

Note: Battery life in excess of two years is expected with normal solar input.

- Solar Panel 0.5 Watts
- Housing Material UV-resistant PVC plastic
- Dimensions (Listed by length x width x height) 6.3" x 2.3" x 7.9" (159 mm x 57 mm x 200 mm)
- Weight
 - Repeater Only (AC-powered) 1.2 lbs. (.54 kg)
 - Repeater Only (Solar-powered) 1.2 lbs. (.54 kg)

Transmit Interval

Repeater Transmit Interval 2.5625 - 3.0000 seconds per ID, dependent on ID.

Wireless Communication (US models)

Transmit/Receive Frequency 902-928 MHz FHSS (Frequency Hopping Spread Spectrum)

ID Codes Available 8

Output Power 902-928 MHz FHSS: FCC-certified low power, less than 8 mW, no license required

Range

Line of Sight Up to 1000 feet (300 m)

Through Walls Typical 200 to 400 feet (75 to 150 m)

Wireless Communication (OV, EU, UK models)

Transmit/Receive Frequency 868.0 - 868.6 MHz FHSS (Frequency Hopping Spread Spectrum)

ID Codes Available 8

Output Power 868.0 - 868.6 MHz FHSS. CE-certified, less than 8 mW, no license required. No more than four transmitter IDs to comply with the EN 300 220 regulation.

Range

Line of Sight Up to 1000 feet (300 m)

Through Walls Typical 200 to 400 feet (75 to 150 m)

Package Dimensions

Product #	Package Dimensions (Width x Height x Depth)	Package Weight	UPC Codes
7626	11.75" x 3.00" x 7.00" (299 mm X 76 mm x 178 mm)	1.8 lbs. (0.83 kg)	011698 00317 4
7626EU			011698 00318 1
7626UK			011698 00319 8
7627			011698 00320 4
7627OV			011698 00322 1