

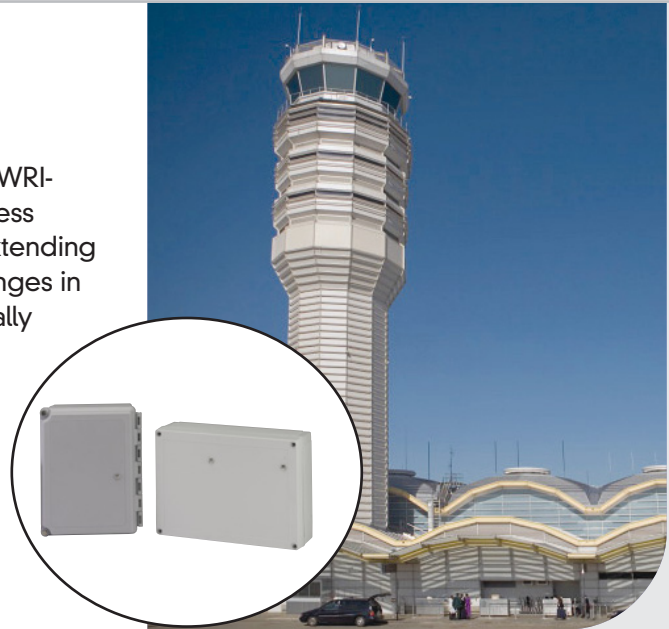
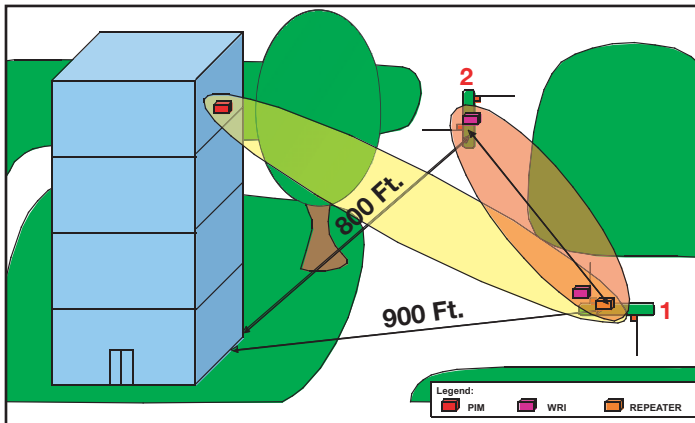


Wireless Access *Repeater Kit*

Overview

Comprised of a PIM-TD2 panel interface module and a WRI-OTD wireless reader interface, the Schlage wireless access repeater kit is ideal for overcoming obstructions and extending RF range. Obstructions can include trees, buildings, changes in elevation, and wire mesh walls. The repeater kit is typically positioned between a Panel Interface Module and any one of the wireless access peripherals, such as a WA lock or exit trim or WRI-OTD. Use when RF signals are blocked by metal, wire mesh walls or with a Wireless Reader Interface when going over or around buildings, hills, or trees. Requires a regulated 12 VDC at 600 mA peak power supply.

The following diagram depicts the use of a repeater to bypass a tree obstructing an RF connection between the building and Gate 2. Since there are no obstructions between the PIM and Gate 1 and Gate 1 to Gate 2, placing a repeater at Gate 1 is the ideal solution.



ORDERING INFORMATION

REPTR - Wireless Access Repeater Kit

OPTIONAL ACCESSORIES

ANT-REM-I/O

Omni-directional, unity gain indoor/outdoor Remote Antenna Module: Includes Antenna, 20 ft. coax, grounding kit and cable gland. Surge protection recommended for outdoor applications (call factory for details).

ANT-REM-I/O+6DB

Directional remote flat panel antenna with 6dB of gain: Includes 15' of 50 ohm coax cable with connector, capable of adding grounding kit. Optional mounts (MPAB3 or MPAB4) for aiming. A grounding kit required for outdoor applications.



MPAB3
Adjustable wall mount for
ANT-REM-I/O+6DB



MPAB4
Adjustable mast mount for
ANT-REM-I/O+6DB



MGB+MCA5
Grounding kit for ANT-REM-I/O+6DB
outdoor use ONLY



593PI-12DC
120VAC to 12 VDC plug-in
transformer 1000mA.

Surge Protector recommended (call factory for details)

SPECIFICATIONS

Panel Interface Module

Certifications:	FCC Part 15 certified, RSS-210 Industry Canada approved, UL 294 certified
Supply Voltage:	7.5 to 14.0 VDC at 300 ma peak, UL approved
Frequency Range:	902 to 928 MHz license-free band in U.S. and Canada 15 discrete channels to select from
Transmission Type:	Encoded Direct Sequence Spread Spectrum
Data Rate:	62.5 Kbps max, half duplex
Operating Temp:	-35°C to +66°C
Operating Humidity:	20% RH to 95% RH (non-condensing)
Weight:	1.75 lbs
Dimensions:	7.1 in. x 10 in. x 3 in.

Wireless Reader Interface (outdoor)

Certifications:	FCC Part 15 certified, RSS-210 Industry Canada approved, UL 294 certified
Supply Voltage:	7.5 to 14.0 VDC at 300 ma peak, UL approved
Frequency Range:	902 to 928 MHz license-free band in U.S. and Canada 15 discrete channels to select from
Transmission Type:	Encoded Direct Sequence Spread Spectrum
Data Rate:	62.5 Kbps max, half duplex
Verification Time:	Less than .10 sec. (not including panel delay)
Contacts:	2 Form C Relays Strike Relay: 6A @ 24 VDC or 120 VAC 3A @ 240 VAC, resistive Auxiliary Relay: 2A @ 28 VDC 0.5A @ 120 VAC, resistive
Operating Temperature:	-35°C to +66°C
Operating Humidity:	20% RH to 95% RH (non-condensing)
Weight:	8 lbs.
Dimensions:	8.7 in. x 6.94 in. x 4.5 in.

