

RBand

RB



WIRELESS SENSING EDGE SOLUTION

RBand is a monitored wireless transmitter/receiver system that eliminates the need to hard wire sensing edges. The RBand receiver can be paired with up to three transmitters/sensing edges per channel. The transmitter is built to endure rugged, outdoor environments. The RBand system features automatic channel switching and auto adjusting transmitter power regulation, helping boost signals and improve reliability, even in harsh RF environments. Models available for compatibility with most door and gate operators.



APPLICATIONS

- Commercial motorized doors
- Automated vehicular gates
- Custom applications

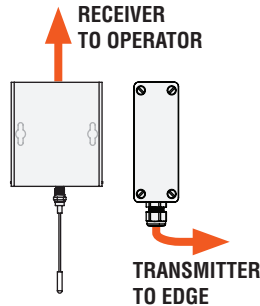
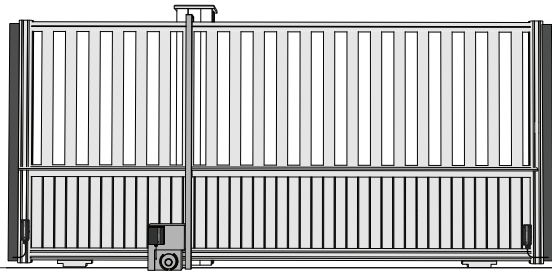
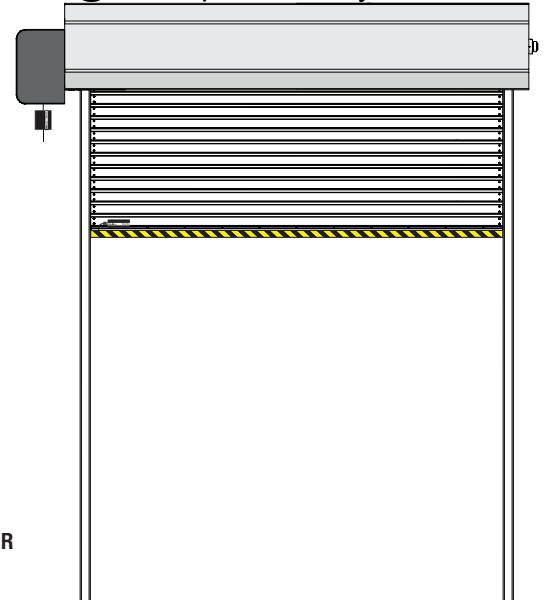
FEATURES

- Easy to configure
- Output options for operator compatibility (model dependent): 10K, pulsed, N.C., and N.O.
- Ideal for:
 - Monitored door operators manufactured after August 2010
 - Monitored gate operators manufactured after January 2016
- On-board diagnostics for easy setup/troubleshooting
- Bi-directional link improves immunity to RF interference
- Transmitter built to endure rugged environments
- UL 325 Recognized Component
- 2-year warranty



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GENERAL SPECIFICATIONS

PERFORMANCE

Response Time	135 milliseconds
Operating Temperature	-40°F to +140°F (-40°C to +60°C)
Frequency	916 MHz
Operating Range	50' (15.25 m) nominal; 100' (30 m) maximum optimal conditions
Agency Approvals	c us UL 325 Recognized Component,

ELECTRICAL

Power Source	Receiver: 12-24 volts AC/DC nominal, 100 mA maximum Transmitter: (2) AA, 3.6 volts lithium, 2-year expectancy
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PHYSICAL

Dimensions	Receiver: 3-5/8 W x 4-1/8 H x 1-5/8 D in. (93 x 105 x 42 mm) Transmitter: 1-13/16 W x 5-3/4 H x 1-3/4 D in. (46 x 146 x 44 mm)
Weight	Receiver: 5.25 oz., Transmitter: 4.5 oz.
Enclosure Material	Receiver: Steel, Transmitter: Polycarbonate
Audible Alarm	Transmitter low battery alarm located in receiver
Degree of Protection	NEMA 4 (transmitter)

MODELS

	RB-G-K10C	RB-P-K10C	RB-P-K20
Input/Output	Input (transmitter): 10K (T2) monitored sensing edge Output (receiver): 10K, N.C.	Input (transmitter): 10K (T2) monitored sensing edge Output (receiver): Pulsed, N.O.	Input (transmitter): Diode capacitor (DC) (T3) monitored sensing edge Output (receiver): Pulsed, N.O.
Channels	2	1	1
LED Indicators	Receiver: Channel 1-2, Pre-Start Test, Check Transmitter: Transmit	Receiver: Channel 1, Check Transmitter: Transmit	Receiver: Channel 1, Check Transmitter: Transmit
Transmitter Antenna	External whip antenna with F connector	Attached wire	Attached wire

OPTIONS

- **RB-TX10C: RBand 10K (T2) Transmitter**
 - Pair up to six transmitters on two channels with RB-G-K10C
 - Pair up to three transmitters on one channel with RB-P-K10C
- **RB-TX20: RBand DC (T3) Transmitter**
 - Pair up to three transmitters on one channel with RB-P-K20
- **226-9313: 3.6V AA Lithium Batteries**

Contact Miller Edge to ensure compatibility.

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