

# 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

800-220-3343  
[www.milleredge.com](http://www.milleredge.com)

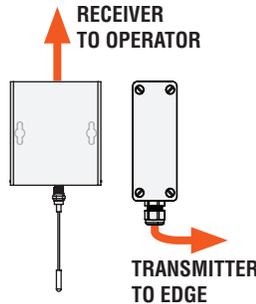
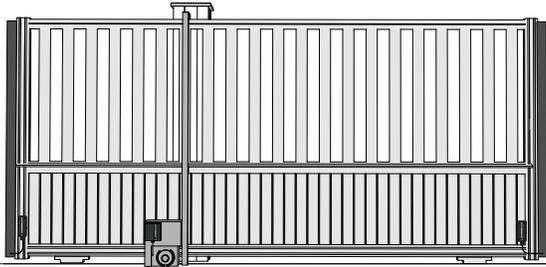
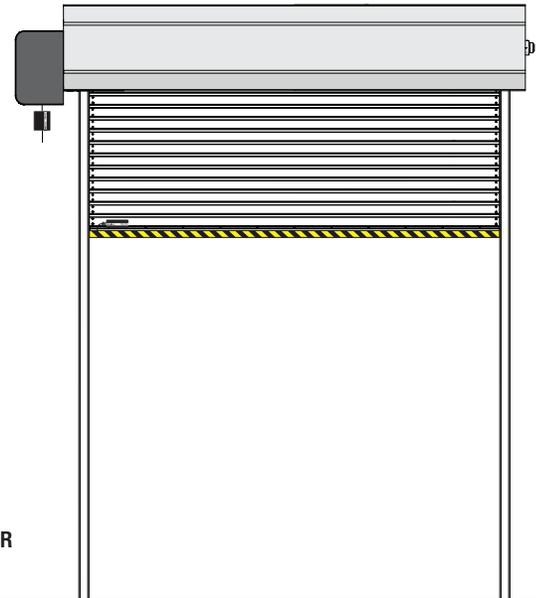
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### GENERAL SPECIFICATIONS

#### 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      | <b>c</b> <b>UL</b> <b>us</b> UL 325 Recognized Component, <b>FC</b> |

#### ELECTRICAL

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

#### PHYSICAL

|                      |   |
|----------------------|---|
| Dimensions           | Receiver: 3-5/8 W x 4-1/8 H x 1-5/8 D in. (93 x 105 x 42 mm)<br>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

|                     | <b>RB-G-K10C</b>   | <b>RB-P-K10C</b>  | <b>RB-P-K20</b>  |
|---------------------|--|---|--|
| Input/Output        | Input (transmitter): 10K (T2) monitored sensing edge<br>Output (receiver): 10K, N.C. | Input (transmitter): 10K (T2) monitored sensing edge<br>Output (receiver): Pulsed, N.O. | Input (transmitter): Diode capacitor (DC) (T3) monitored sensing edge<br>Output (receiver): Pulsed, N.O. |
| Channels            | 2  | 1   | 1  |
| LED Indicators      | Receiver: Channel 1-2, Pre-Start Test, Check<br>Transmitter: Transmit                | Receiver: Channel 1, Check<br>Transmitter: Transmit                                     | Receiver: Channel 1, Check<br>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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