

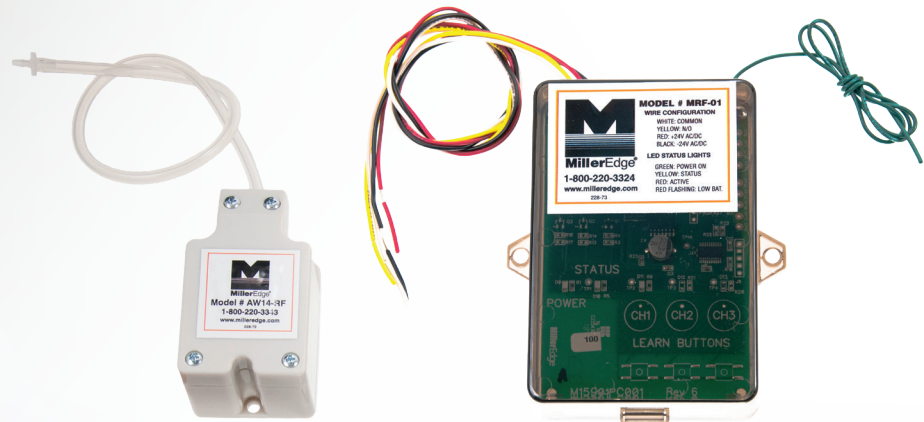
# Wireless Air-Wave System

AW14-RF-K10



## WIRELESS DOOR EDGE SOLUTION

The AW14-RF-K10 Wireless Air-Wave Edge System utilizes air pressure, via an air-wave sensing edge, to activate a diaphragm contact within the wireless transmitter switch. This contact converts the pressure wave into an electrical contact, which alerts the operator to stop and/or reverse when there is an obstruction. Air-wave systems are specially designed for doors and can withstand colder temperatures and high vibration environments due to their adjustable sensitivity. AW14-RF-K10 eliminates the need to hardwire coil cords and retracting reels, which saves installation and maintenance time.



### APPLICATIONS

- Motorized doors

### FEATURES

- Easy to configure
- Non-monitored system ideal for door operators manufactured prior to August 2010
- Operates at distance up to 100 feet, depending on conditions
- Adjustable sensitivity
- Release valve for pressure and temperature compensation
- Can be used with standard pneumatic hose and Miller Edge extrusion
- 2-year warranty

Image:  
AW14-RF-K10 Wireless Air-Wave  
Edge System: AW14-RF Air-Wave  
transmitter + MRF-01 receiver

800-220-3343  
www.milleredge.com

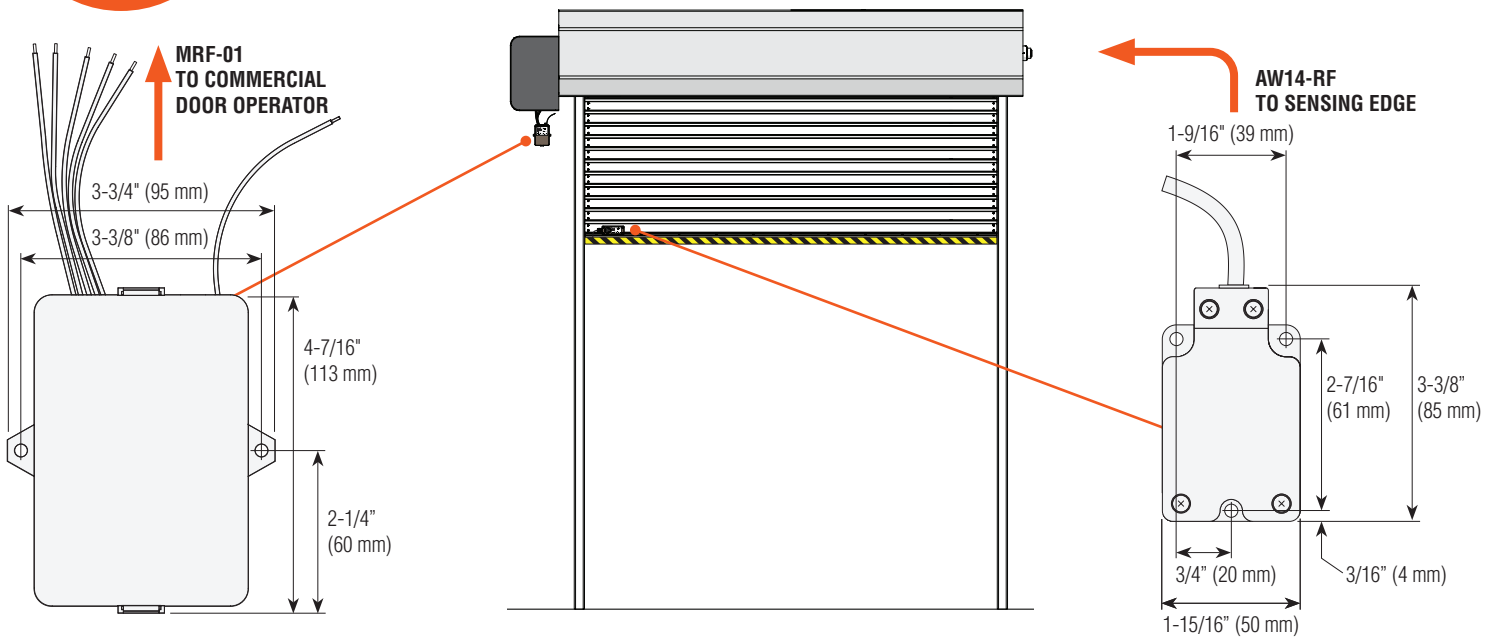
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# Wireless Air-Wave System

## AW14-RF-K10



### GENERAL SPECIFICATIONS

#### PERFORMANCE

Operating Temperature	+14°F to +158°F (-10°C to +70°C)
Frequency	915 MHz
Operating Range	50 ft. (15 m) nominal; 100 ft. (30 m) maximum optimal conditions
Max. Pneumatic Load	78.70 in. (2,000 mm) water column
Adjustable Sensitivity	0.078-19.70 in. (2-500 mm) water column
Agency Approvals	FC

#### MRF-01 RECEIVER

#### AW14-RF TRANSMITTER

#### ELECTRICAL

Power Source	10-40 volts AC, 10-30 volts DC	(1) CR2032 3 volts lithium battery
Input/Output	Output: 2-wire, N.O.	Input: Miller Edge air-wave sensing edge

#### PHYSICAL

Dimensions	3-3/4 W x 4-7/16 H x 1-1/4 D in. (95 x 113 x 32 mm)	1-15/16 W x 3-3/8 H x 1-11/16 D in. (50 x 85 x 43 mm)
Weight	3.9 oz.	4.5 oz.
Enclosure Materials	Polycarbonate enclosure	ABS enclosure, silicone diaphragm, silicone tubing, barbed coupler
LED Indicators	Power, status, channel 1	Transmit
Antenna	Attached wire	-



### RELATED PRODUCTS

- Wireless Air-Wave system kits:
  - AW14K500-12-RF: AW14-RF-K10, end plug, connector plug, 1/2"-12 ft. hose
  - AW14K500-18-RF: AW14-RF-K10, end plug, connector plug, 1/2"-18 ft. hose
  - AW14K500-24-RF: AW14-RF-K10, end plug, connector plug, 1/2"-24 ft. hose

Contact Miller Edge to ensure compatibility.

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