

# MEL))

## Monitored Edge Link

The Industry's First UL Recognized Monitored Wireless Signal Device

### Applications

- **Rolling Steel Doors**
- **Sectional Doors**
- **Fast-Acting Doors**
- **Motorized Gates**

### About MEL...

Monitored Edge Link (MEL) provides a wireless monitored signal transmission from an edge sensor to operator controls, eliminating the need to hard wire these devices. MEL detects the presence and function of a monitored edge sensor. The receiver features LED indicators for simplified diagnostics.

MEL detects the presence and function of a monitored edge sensor. The receiver features LED indicators for simplified diagnostics.



MEL-K20  
MEL-TX20 and MEL-RX20

### TECHNICAL SPECIFICATIONS:

<b>Physical:</b>	
Dimensions - Tx	1.75" w x 4.62" h x 1.75" d (4.4 x 11.7 x 4.4cm)
- Rx	4.00" w x 4.75" h x 1.00" d (10.2 x 12.1 x 2.5cm)
Weight - Tx	4.5 oz.
- Rx	5.25 oz.
Enclosure:	
Material	Tx: Polycarbonate Rx: Aluminum
Rating	Tx: NEMA4 Rx: None
<b>Mechanical:</b>	
Response Time	135 milliseconds
Operating Temperature	-40°F to 140°F (-40°C to 60°C)
Frequency	315 MHz
Operating Range	50 feet nominal; 100 ft optimal conditions
<b>Electrical:</b>	
Power Source -Tx	2 AA, 1.5v Lithium
- Rx	12-24v AC/DC nominal
Battery Life	1 year expectancy
Inputs: Tx	2 devices: SE or KO
Outputs: Rx	
Photo Eye	Pulse stream
Safety Edge	SPDT relay contacts, NO, NC and Com
Knock Out	SPDT relay contacts, NO, NC and Com
Low Battery	SPDT relay contacts, NO, NC and Com
<b>Certifications:</b>	UL325, UL991, FCC

### FUNCTIONAL BENEFITS:

- Eliminate visible coiled cords or reels
- Meets current UL325 standards for commercial door and gate operators\*
- "Backward" compatible with pre-August 29, 2010 UL listed commercial door operators
- Standard "AA" Lithium batteries simplify replacement and withstand extreme temperatures
- 2 year warranty from date of shipment from our factory
- Monitors the presence and function of any T2 (10K) monitored edge sensor\*

\*when used with UL325-2010 listed CDO/GDO

