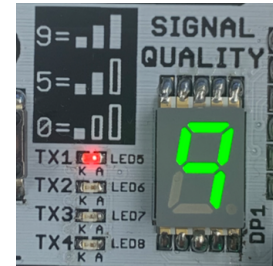# WEL-200

## WIRELESS EDGE LINK

The WEL-200 provides a complete wireless solution for interfacing sensing edges with gate and door operators.

**Key features include:**

- **Long Range Operation:** Operates up to 200 ft. (line of sight) between the transmitter and receiver.
- **Multiple Transmitter Support:** Connects with up to four transmitters, providing separate relay and pulse outputs for open and close edge functionality.
- **Durable:** Housed in rugged, watertight NEMA 4X enclosure.
- **Universal & Compliant:** UL325 Compliant and Compatible with both 8.2K and 10K monitored safety edges.
- **Long Life:** WEL transmitters will operate for two years on two AA lithium batteries.

## NEW! Radio Signal Quality Display:

The WEL-200 Receiver features a one-digit display that reports signal quality (0 to 9) for the selected transmitter, allowing for quick assessment of connection strength.



*With enhanced diagnostic features, the WEL-200 receiver makes installation and maintenance easy and reliable. Feedback is provided for all fault modes, including edge open and short conditions, low battery and failed transmitters. The WEL receiver supports all monitoring methods, including normally closed (NC), resistive termination (10K) and pulse output.*

## scan here for more information



**EMX Industries, Inc.**

5660 Transportation Blvd Garfield Heights, OH 44125
**Phone:** 800 426 9912
**Sales Inquiries:** salessupport@emxinc.com
**Technical Support:** technical@emxinc.com
www.emxinc.com

MADE IN USA

# Wireless Edge Link

- UL325-2018 compliant
- NC, 10K and pulse monitoring
- Up to 200 ft. operating range (line of sight)
- Connect up to 4 safety edge transmitters
- NEMA 4X enclosure



WEL-200T



WEL-200R

## Technical Data

| | WEL-200T | WEL-200R |
|---|---|---|
| **Operating Range** | Up to 200 ft. (line of sight) | Up to 200 ft. (line of sight) |
| **Operating Frequency** | 915 MHz | 915 MHz |
| **Response Time** | 100ms | 100ms |
| **Power/Fault Indicator** | Green transmit/status LED | Red power LED/green channel LED |
| **Channel Status Indicator** | NA | Green LED |
| **Channel Mode Selection Switch** | NA | Assign each channel to OPEN/CLOSE function |
| **Outputs** | NA | • OPEN relay: Form C contacts (NO, COM, NC)<br>• CLOSE relay: Form C contacts (NO, COM, NC)<br>• OPEN pulsed: Open collector transistor output (opto-isolated)<br>• CLOSE pulsed: Open collector transistor output (opto-isolated) |
| **Resistive Termination** | NA | 10K ohm across NO contact (jumper selectable) |
| **Power Protection** | Thermal fuse | Thermal fuse, MOV |
| **Environmental Rating** | NEMA 4X | NEMA 4X |
| **Power Supply** | 3-3.6 VDC (2x AA batteries)<br>(ANSI 15-LF, IEC-FR14505 (FR6)) | 12-24 VAC/VDC |
| **Battery Life** | 2 years at 25°C | NA |
| **Current Draw** | NA | 1 Relay – 42mA, 2 Relay – 70mA |
| **Operating Temperature** | -40°…60°C  (-40°…140°F) | -40°…60°C  (-40°…140°F) |
| **Dimensions (L x W x H)** | 180mm (7.0") x 32mm<br>(1.3") x 67mm (2.6") | 140mm (5.5") x 34mm<br>(1.3") x 90mm (3.5") |
| **Weight** | 170g (6 oz.) | 200g (7 oz.) |
| **Connections** | 2 terminals (18-26AWG) | 12 terminals (18-26AWG) |

## Ordering Information

- WEL-200K  Wireless Edge Link kit, 1 transmitter and 1 receiver
- WEL-200T  Wireless Edge Link transmitter
- WEL-200R  Wireless Edge Link receiver

MADE IN USA