

# LMRRUL/LMTBUL MONITORED PHOTO EYES

Photo eye and reflector with wider beam.

PRODUCT HIGHLIGHT

INTEGRATED  
DIAGNOSTICS  
with Our 2018 UL®  
325 Gate Operators



## RELIABLE

**VERSATILE SOLUTION** FOR ENTRAPMENT PROTECTION.

**LONG-RANGE SENSING DISTANCE** OF UP TO 50 FT. (LMRRUL)  
OR 90 FT. (LMTBUL).

**BUILT-IN HEATER** FOR DEPENDABLE PERFORMANCE IN MOST  
ENVIRONMENTS.

**INCREASED BEAM ANGLE** FOR SIMPLE, RELIABLE ALIGNMENT.

**VERSATILE GIMBLE BRACKET** FOR FINE ALIGNMENT AND ADJUSTABILITY.

**WARRANTY** 2 YEARS.

## SMART

**ALIGNMENT STRENGTH INDICATOR** SIGNALS OPTIMAL BEAM ALIGNMENT.

**MULTI-VIEW LED LIGHTS** INDICATE SENSOR STATUS,  
SIMPLIFYING INSTALLATION.

**WIRELESS NETWORK CAPABILITY** ELIMINATES THE NEED TO WIRE BETWEEN  
OPERATORS IN DUAL-GATE APPLICATIONS (LMTBUL).

## SAFE AND SECURE

**SECURE MOUNTING HARDWARE** FOR VERSATILE PERFORMANCE IN HARSH  
APPLICATIONS.

**HOODS INCLUDED** FOR DURABILITY AND SHIELD FROM ELEMENTS.

**NEMA 4X RATED** FOR SUPERIOR WEATHER RESISTANCE.

**UL RECOGNIZED:** TESTED AND EVALUATED BY UL AND MEET UL 325  
REQUIREMENTS.

## SAFETY ADD-ONS:

### MONITORED SMALL PROFILE RESISTIVE EDGE

Pressure-sensitive edge stops and/or  
reverses gate when obstructed.



S505AL

### MONITORED SAFETY ENTRAPMENT EDGES

Full line of Small, Large and Wraparound  
Profile Edges that sense obstructions.



EDGES

## TOTAL SOLUTION ACCESSORIES:

### MONITORED WIRELESS EDGE KIT

Low-energy Bluetooth® connection  
between a LiftMaster Monitored  
Resistive Edge and the gate operator;  
max. range: 130 ft.\*



LMWEKITU

### MONITORED WIRELESS EDGE TRANSMITTER

Features 2 unique configurable open/  
close edge inputs to expand protection of  
your system up to 8 entrapment zones.



LMWETXU

### WIRELESS KEYPAD

Provides constant pressure override to  
control gate operator if safety devices  
fault yet are free of obstructions. Hold  
Open/Party Pass enabled with gate  
operator firmware 4.2 or higher.



KPWS

\*Wireless kit for up to 4 resistive edge transmitters  
and 2 resistive edges per transmitter.

### QUALITY-GRADE DESIGN



#### Cover:

- Stainless-Steel Sensor Hood
- Durable Polycarbonate Reflector Hood
- Powder-Coated Galvanized Mounting Brackets

#### Weight:

- LMRRUL: 3.3 lbs.
- LMTBUL: 4.3 lbs.

### TEMPERATURE SPECIFICATIONS



-40°F (-40°C) to 149°F (65°C)



Photo Eye with Hood\*

[Photo Eye without Hood: 4.56" H x 2.35" W x 1.97" D]

### DIAGNOSTICS

#### LMRRUL:

- Solid Blue—Optimal Alignment
- Blinking Blue—LED Blinks Faster to Indicate Near Alignment
- Solid Red—Misaligned or Obstructed

#### LMTBUL:

##### Emitter:

- Solid Blue—Power On

##### Receiver:

- Solid Blue—Optimal Alignment
- Blinking Blue—LED Blinks Faster to Indicate Near Alignment
- Solid Red—Misaligned or Obstructed



Reflector with Hood

\*LMRRUL and LMTBUL sensor dimensions are similar, but the 2 products are not compatible with each other.

## STANDARD FEATURES.

### INPUT VOLTAGE AND CURRENT DRAW

#### Sensor:

- Black/Red Wires: 6.8V DC, 20mA

#### Heater:

- Green/White Wires: 10–40V DC or 8–28V AC, 2 Watts Max., 170mA at 120V DC/AC, 85mA at 24V DC/AC (Heater Option Not Recommended for Solar Applications)

### MONITORING TECHNOLOGY

- Pulsed System

### INTERFACE

- 4-Wire Connection (2 for Eye; 2 for Heater)

### SENSOR COMPATIBILITY

- LMRRUL Emitter Is Not Interchangeable with LMTBUL Emitter

### INCLUDES

- Brackets, Hardware and 10 ft. Wire and Hoods

## SUPPORT.



For Support Tools and Training Videos, Visit [LiftMasterTraining.com](http://LiftMasterTraining.com)

For More Information on Gate Operators, Visit [LiftMaster.com/UL325Gates](http://LiftMaster.com/UL325Gates)

To Find the Right Perimeter Access Solution for You, Visit [LiftMaster.com/Solution-Generator](http://LiftMaster.com/Solution-Generator)



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