



It's Time to Make Gate Safety a Priority<sup>SM</sup>

Monitored Photo Eyes

**LMRRU**  
**LMTBU**



**Monitored Retro-Reflective Photo Eye (LMRRU)**



**Monitored Through-Beam Photo Eyes (LMTBU)**

## Unrivaled Monitored Photo Eyes for Every Application

With a long-range sensing distance, the **Monitored Retro-Reflective Photo Eye (LMRRU)** delivers a more versatile solution in almost any application. **Monitored Through-Beam Photo Eyes (LMTBU)** provide superior performance in a variety of tough environmental conditions utilizing a powerful through-beam design. Wireless network capability eliminates the need to wire between operators in dual-gate applications.

**FEATURES:**

- Integrated diagnostics with our 2016 UL 325 Gate Operators
- Easy to install and align with LED indicators
- Solar optimized, turns off when gate operator is idle

**LIFTMASTER® PERIMETER ACCESS SYSTEM**

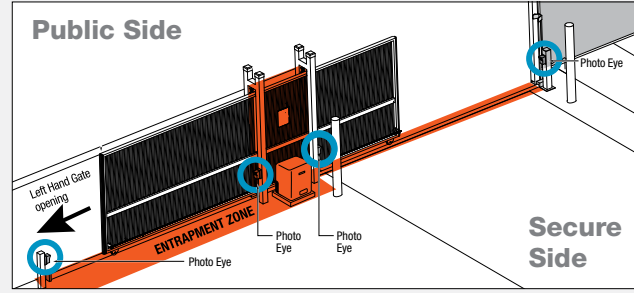
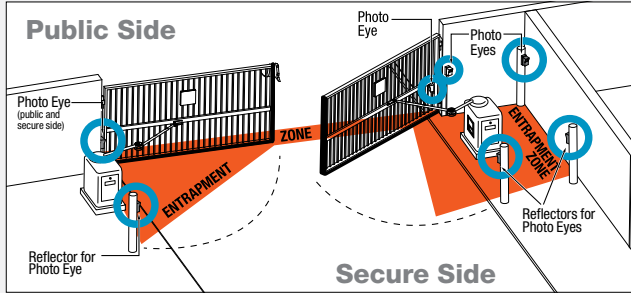
LiftMaster's full line of safety entrapment protection accessories are tested and proven to work together with our gate operators as a complete UL 325 compliant system.



**LiftMaster®**

# LMRRU LMTBU

## COMMON ENTRAPMENT ZONES

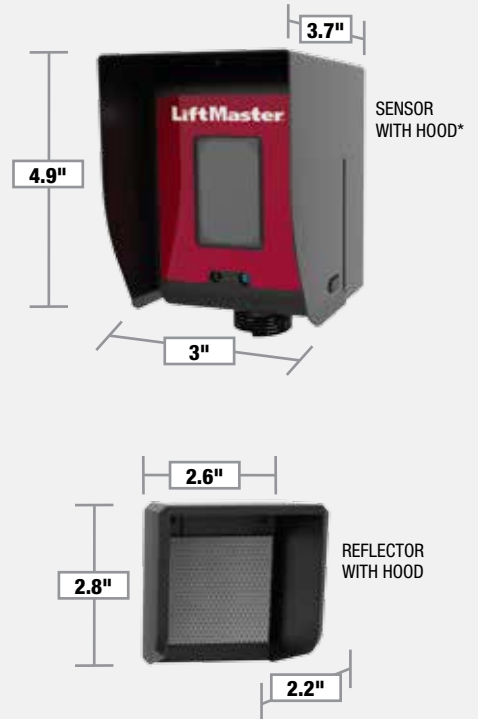


- Possible Entrapment Zones
- Photo Eye: Monitored Retro-Reflective Photo Eye or Monitored Through-Beam Photo Eyes

Swing Gate Site

Slide Gate Site

| FEATURE                           | MONITORED RETRO-REFLECTIVE PHOTO EYE (LMRRU)  | MONITORED THROUGH-BEAM PHOTO EYES (LMTBU)   |
|-----------------------------------|---|---|
| Long-Range Sensing Distance:      | 50 ft. (15.2m)  | 90 ft. (27.4m)  |
| Outdoor Rating:                   | NEMA 4X   |   |
| Diagnostics:                      | Integrated with our 2016 UL 325 Gate Operators  |   |
| Anti-fogging Lens:                | Yes   |   |
| Temperature Range:                | -40°F to 149°F (-40°C to 65°C)  |   |
| Sensor Dimensions: (with Hood)    | 4.9" H x 3" W x 3.7" D  | (2) 4.9" H x 3" W x 3.7" D  |
| Reflector Dimensions: (with Hood) | 2.8" H x 2.6" W x 2.2" D  | N/A   |
| Cable Length:                     | 6 ft.   |   |
| Voltage:                          | 6.8VDC  |   |
| Current Draw:                     | 30mA when operator is active, 0mA when idle   |   |
| Monitoring Technology:            | Pulsed system   |   |
| Interface:                        | 2-wire connection   |   |
| Solar:                            | Optimized, turns off when operator is idle  |   |
| Shipping Weight:                  | 3.3 lbs.  | 4.3 lbs.  |
| Compatibility:                    | All LiftMaster® Gate Operators with burgundy boards ONLY  |   |
| Sensor Compatibility:             | LMRRU Emitter is not interchangeable with LMTBU Emitter   |   |
| LED Indication:                   | Emitter: Blue - aligned, Red - misaligned or obstructed   | Emitter: Blue - powered<br>Receiver: Blue - aligned, Red - misaligned or obstructed                           |
| Carton Contents:                  | (1) Photo Eye with stainless steel hood, (1) reflector polycarbonate hood, (2) powder-coated galvanized mounting brackets and hardware included | (1) Photo Eye with stainless steel hood, (2) powder-coated galvanized mounting brackets and hardware included |
| Warranty:                         | Two Years   |   |



\*LMRRU and LMTBU sensor dimensions are similar, but the two products are not compatible with each other.

Only LiftMaster Monitored Photo Eyes or Edge Sensors may be used with LiftMaster Operators to meet the 2016 UL 325 Standards.