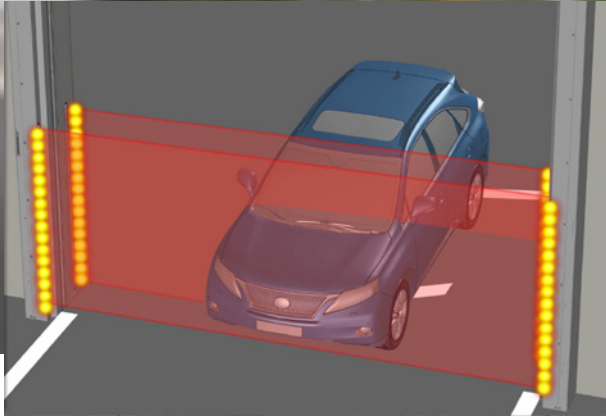


SmartSurround®

ADVANCED DETECTION & ALERT SYSTEM



DO YOUR DOORS INCLUDE THE LATEST - AND SMARTEST - TECHNOLOGY?

Advanced software technology for high-performance doors is here. The new Rytec SmartSurround® features next-generation pattern recognition and traffic-sensing technology. This patented system is the latest Rytec advancement in high-performance door awareness and safety software. The intelligent object detection, recognition and safety alert system helps ensure a positive customer experience. In addition, its integrated, intelligent design minimizes impact on valuable floor space near the door opening.

By combining artificial intelligence, optical light curtains and high-intensity signaling lights in a single unit, the SmartSurround system creates an active 4-corner perimeter guard that extends beyond the door threshold. This intuitive, integrated system - combined with the Advanced³ Light Curtain Safety System - offers unmatched awareness, detection, warning and signaling capabilities.

SmartSurround provides a visual cue and alerts traffic to door activity near the opening while simultaneously communicating with the Rytec System 4® Door Controller. The enhanced sensor/alert/safety system recognizes when traffic has passed through or remains near the door opening, and alerts those nearby and within sight of the doorway accordingly. SmartSurround is ideal for high-traffic areas where both vehicles and pedestrians are present.

ENHANCED TECHNOLOGY

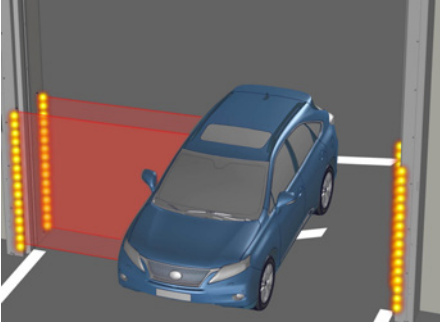
- Alert lights activate if traffic has not fully passed through the doorway or still may be present in the surrounding area
- High-intensity LED lights for greater alert and awareness impact with enhanced lens design for 180-degree visibility
- Bi-colored LED visual light warning for both bright or dark environments, interior and exterior applications and installations
- Customizable LED light settings with adjustable brightness control, color choice, timing, flashing rates and cascading population

Secure connectivity with CAN Bus communication and connection technology and quick-connect cables.



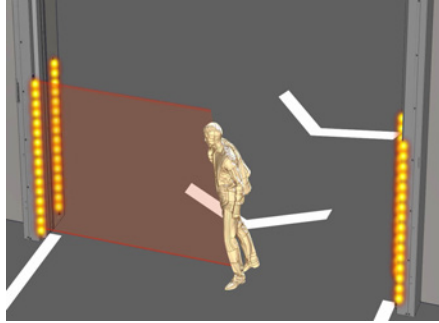
GET 'SMART' - WITH RYTEC!

Awareness/Vehicle Recognition



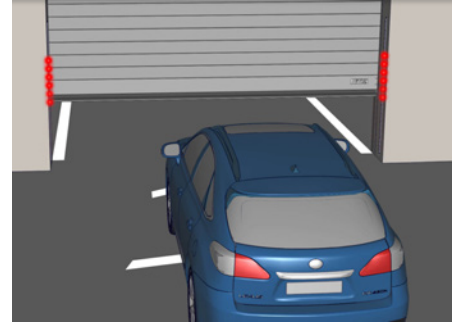
Door operation and activity awareness indicated by rapid, simultaneously-flashing red and amber lights when beams are blocked.

In/Near Doorway Activity



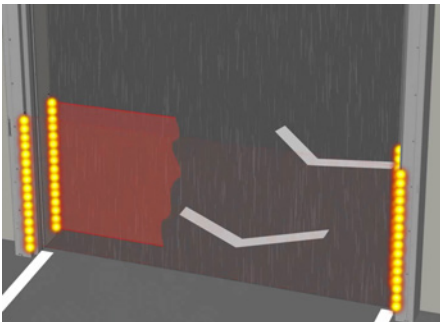
Reduced door opening/closing speed if beams are blocked, or abnormal traffic patterns or unusual doorway presence is detected.

Animated Alert Lights



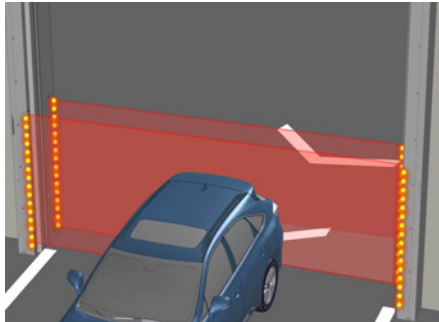
Cascading red in direction of movement when door is opening or closing.

Environmental Mode



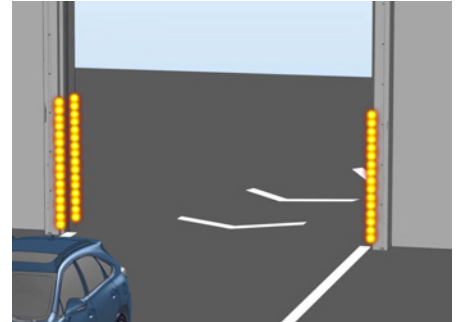
Recognizes when weather elements (rain/snow/ice) block beams for prolonged period and closes door slowly. Minimizes door open time during these events as long as all other safeties are clear.

Doorway Not Cleared



Rapid flashing red and amber when inside beams are not fully cleared. This alerts service advisors vehicle remains in the doorway.

Intelligent/Intuitive Alerts



Flashes amber prior to door closing, solid red when door is not completely open and more...

ADDITIONAL AND CUSTOM SETTINGS AVAILABLE

Key Features

- Slim, compact linear light strips feature 16 powerful multi-colored LEDs (light-emitting diodes) per unit
- Bi-colored (amber, red) LEDs with photoelectric light curtain beams
- Anodized aluminum retainers plus stainless-steel cable jacketing for long-lasting protection
- IP67 rating for protection from dust, airborne particles, water and liquids
- 4 (2 pairs) light curtain per set (left/right side columns and front/rear of door)
- Available for Spiral®, Spiral® FV®, Spiral® LH®, Spiral® LP and all Premium Prewired Package Spiral® doors

Watch the SmartSurround® Advanced Detection and Alert System video online at: RytecDoors.com/SS



Retrofit installation available.

American Owned, American Made



◀ Watch All Rytec Testimonials

Specifications subject to change
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