

ALGE RLS1 SERIES PHOTOCELLS



High-quality infrared photocells with range up to 150 meters!

OVERVIEW

Alge's RLS1 series of photocells are available in either photocell-and-reflector (**RLS1n**) or transmit-receive (**RLS1nd**) combinations. Your choice should be based on the width of the course you plan to use them on. RLS1n photocell-reflector sets shoot to 25 meters (about 80 feet), while the long-range RLS1nd transmit-receive models shoot to 150 meters (almost 500 feet!).

DESCRIPTION- RLS1n Photocell-Reflector Set (25m)

- New design incorporates ON/OFF switch, DIN connector, and banana jacks on rear of unit
- Shoots up to 25 meters -- ideal for everyday use or for interval-timing stations, speed traps, etc.
- 3 power options: 1) internal power uses standard "C" cells (alkaline or NiCd); 2) external battery pack for prolonged use; 3) can be powered from the timer via a 3-conductor signal & power cable
- Internal battery life: about 40 hours using alkaline or 18 hours using NiCd
- Adjustable impulse length from 20ms to 1400ms
- Battery Strength / Beam Alignment indicator
- Heavy duty molded plastic case with retractable visor
- Simple to align with reflector
- Oversize tensioning grips
- Mounts to standard Alge chain bracket or PST cell bracket

DESCRIPTION- RLS1nd Transmit-Receive Set (150m)

- Long-distance transmit-receive photocell system
- Shoots up to 150 meters! Ideal for everyday use, interval-timing stations, speed traps, or locations where safety requires that cells be located outside fencing etc.
- Uses standard "C" cells or external battery pack
- Battery Strength / Signal (beam alignment) indicator
- New design incorporates ON/OFF switch, DIN connector, and banana jacks on rear of unit
- Heavy duty molded plastic case with retractable visor
- Easy to aim
- Oversize tensioning grips
- Mounts to standard Alge chain bracket
- 3 power options: 1) internal power uses standard "C" cells (alkaline or NiCd); 2) external battery pack for prolonged use; 3) can be powered from the timer via a 3-conductor signal & power cable
- Internal battery life: about 40 hours using alkaline or 18 hours using NiCd
- Adjustable impulse length from 20ms to 1400ms
- The only photocells where each unit can be used in ALL the following configurations: as a Transmitter, as a Receiver, TX/RX with reflector using the Transmitter, TX/RX with reflector using the Receiver (battery switch ON, other switch set on "Adjust"). We have even used 2 Receiver units as a complete TX/RX set by setting the Transmitter (unwired) side switch to "Adjust" and the Receiver (wired) side switch to "Race". These cells are fantastic.

ACCESSORIES & ADD-ONS

RLS1 photocells are compatible with the following products:

- **PST Adjustable Cell Brackets for 2x2 posts**
- **Manfrotto heavy duty tripods for equestrian or other dryland use**

MODELS AVAILABLE

The RLS1 startgate series is available in the following formats:

- **RLS1n** Photocell-Reflector set, shoots up to 25m
- **RLS1nd** Transmitter-Receiver set, shoots up to 150m

COMPATIBILITY STATEMENT

This product family is fully compatible with all existing **Alge & PST** products.