CPS-UN4

INDUSTRIAL PHOTO EYE

Available Accessories:

Interface Card
(CPS3CARD)
Provides the option of adding a second set of monitored photo eyes or a monitored edge to a door opening. For extra door protection.

Heavy-Duty and Weatherproof

LiftMaster's® Industrial Photo Eyes (CPS-UN4) provide primary monitored entrapment protection for LiftMaster's Commercial Door Operators. The heavy–duty metal housing and brackets are durable and weatherproof and can be used for indoor or outdoor applications. Our photoelectric eyes and edge sensor models are UL/cUL Listed for use with all LiftMaster Commercial Door Operators. The CPS-UN4 can be used as a primary and/or ancillary entrapment device and meets UL 325 2010 safety standards.

- Heavy-duty housing for industrial applications
- NEMA 4 enclosure protects against direct spray
- Dual-sided infrared sensors
- For indoor/outdoor use
- Maximum range of 45 feet
- Solid sensor lights indicate correct sensor alignment
- Yellow safety housing provides visibility for industrial environments

UL 325 requires all commercial door operators to be either constant pressure to close or be equipped with a primary external monitored entrapment protection device. The CPS-UN4 meets this requirement. Failure to use the appropriate sensor or failure to install the sensor properly, may expose the installer and customer to liability, should an accident occur.

LiftMaster's full line of Monitored Photo Eyes

| CPS-UN4 | CPS-RPEN4 | CPS-OPEN4 | CPS-U |

LiftMaster®

SPEC SHEET
STANDARD SPECIFICATIONS

DIMENSIONS
Length: (54mm/2.125")
Width: (44mm/1.75")
Height: (94mm/3.625")

CARTON
Dimensions:
- Height: 4.125"
- Width: 7.875"
- Length: 7.0"
- Weight: 2.6 lbs.

WARRANTY
One year limited warranty

TECHNICAL SPECIFICATIONS
Technical Data Range
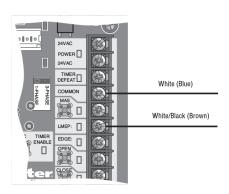Version: 13.7m/45ft.

Outdoor Rating
IP67, NEMA 4

Temperature Range
-20C° to +65C, -4F° to +149F°

Terminal Interface
2-wire, monitored, (polarized), 2.75ft.

Configuration
1 Emitter, 1 Receiver

Transmitter/Emitter
Yellow LED

Receiver
Green LED

Wiring Connections
(Logic 4 board shown)

White (Blue)

White/Black (Brown)

Door shown with photo eyes installed.
(See product installation manual for complete installation instructions)

Liquid Tight Junction Box

Liquid Tight Conduit

Connect Photoelectric sensor wire to operator (refer to Wiring Connections on the following page)

Liquid Tight Junction Box

Photoelectric Sensor 6" (15 cm) max. above floor

Liquid Tight Conduit

Liquid Tight Junction Box

Photoelectric Sensor 6" (15 cm) max. above floor

Invisible Light Beam Protection Area

LiftMaster®