

GateKeeper EZ 24V™ Infrared Curtain Unit

159 beams and no power supply for new 24V installations where space, reliability and simplicity are important

FOR 24VDC SYSTEMS

- **Lowest mass**

Less mass and greater flexibility than any light curtain in its class.

- **Mounts on door or door jamb**

GateKeeper EZ 24V™ is the only door protection device that can be mounted to either the door or door jamb. Helps simplify installation in situations where mounting in one location or the other is difficult or impractical.

- **Up to 159 criss-cross infrared detection beams.**

- **All electronics housed in edges**

No control box to connect and no jumpers to configure. This is why we can claim "simplest installation."

- **Built to last longer than 20 years**

- **Self calibration increases LED life**

- **Plug-'n'-play simplicity**

- **All gold-plated contacts**

- **Mechanically compatible with GateKeeper™**

"No external controller" means you benefit from the latest advances in space-saving technology

Just when you thought you knew everything there was to know about infrared curtains, along comes an innovation like GateKeeper EZ 24V™.

It comes standard with more protection than you need—up to 159 criss-cross detection beams—in a package so compact it defies logic.

And best of all, GateKeeper EZ 24V™ comes with a shorter-than-normal list of everything you need to plug it in and get it working: Color-coded connectors, mounting brackets and hardware...and that's all there is. If space is scarce and installation time a concern, then GateKeeper EZ 24V™ is the answer.

- **Simplest connections**
- **Fewest parts**
- **Simplest installation**



Technical Data

GateKeeper EZ 24V™

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|--------------------|---|
| Supply voltage | 10-30VDC |
| Output | VCC/GND 0.2A, Push-Pull NO/NC selectable |
| Response time | 25-120ms |
| Operating range | 0-3m (0-9.75 ft.) |
| Protection height | 1800mm (6 ft.) |
| Dimensions | 12mm x 16mm x 1860mm (0.5" x 0.6" x 6.1 ft.) |
| No. of elements | 33 |
| No. of beams | 159 (M159 model) 79 (M79 model) |
| Max. ambient light | >75,000 Lux |
| Enclosure rating | IP65 |
| Temperature range | -20°C to +65°C (-4°F to +149°F) |
| Connection | 4/2 wires with round plug; 5m cable (16 ft.) tested to 20,000,000 bending cycles Conforms to IEC 60227-2 |

GateKeeper EZ 24V™—Reg. TM Adams Elevator Equipment Company

GATEKEEPER EZ 24V™ ORDERING INFORMATION

| Adams part no. | Description |
|----------------|--|
| A850EZ159 | GateKeeper EZ 24V™ Unit, 7 ft. high, 159 detection beams |
| A850EZ79 | GateKeeper EZ 24V™ Unit, 7 ft. high, 79 detection beams |

GATEKEEPER EZ 24V™ COMPONENTS

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|--------------|--|
| A850G7EZ159R | GateKeeper EZ 24V™ Receiver for A850G7EZ24V |
| A850G7EZ159T | GateKeeper EZ 24V™ Transmitter for A850G7EZ24V |
| A850G7EZ79R | GateKeeper EZ 24V™ Receiver for A850G7EZ79 |
| A850G7EZ79T | GateKeeper EZ 24V™ Transmitter for A850G7EZ79 |
| A850G7EZ-HW | GateKeeper EZ 24V™ HARDWARE |
| A850G7EZ-RR1 | GateKeeper EZ 24V™ RECEIVER CABLE 16 FT |
| A850G7EZ-RT1 | GateKeeper EZ 24V™ TRANSMITTER CABLE 16 FT |
| A850G7EZ-RR2 | GateKeeper EZ 24V™ EXT CABLE 10' (7280C55H05) |