

# ADAMS GATEKEEPER® INFRARED CURTAIN UNIT

**IN STOCK**



- **Plugs into 17-240VAC/VDC**

GateKeeper can be connected to any operating voltage from 17-240VAC/VDC with no additional wiring or modifying.

- **Up to 154 infrared detection beams**

The best solution where maximum beam density is required.

- **Integrated diagnostic circuitry**

An on-board microprocessor adjusts automatically to optical conditions within the protected area. As conditions change (from dust, dirt, etc.), the microprocessor resets every beam for best performance under prevailing conditions.

- **LED current control system**

An LED drive circuit constrains the emitting current to the lowest possible effective level. The result: reduced stress on the LED's to help extend their life for millions of hours.

- **Moving cable tested to 20,000,000 cycles**

More than 150,000 units in service, not a single incident report has been recorded.

- **CSA approved**

GateKeeper meets all ANSI requirements and other U.S. and Canadian performance standards.

- **Extra-wide 16-ft. operating range**

Operating range up to 16 ft. or 4.85m.

## Technical Data

Supply voltage	17-240VAC/VDC
Typical response time	90 ms
Range	Up to 16 ft. (4.85m)
Power	5VA at 115/240VAC
Current	115mA at 24VDC
Relay output *	AC max = 265VAC @ 8.0A DC max = 125VDC @ 0.5A DC max = 30VDC @ 8.0A
Protection height	71"
Door height	7-10 ft.
No. of light beams	Up to 154 criss-cross beams
Light suppression	>100,000 lux
Connection plugs	WAGO 6 x 5.08
Cable length	16 ft. (5m)
Cable extension (available)	10 ft. (3m)
Cable lifetime	20 million door movements
Enclosure rating	Sensors: IP65 Control unit: IP 54
Vibration/shock	IEC 68-2-6, -29
EMC	IEC/EN 50081/2, EN12015/6
CSA	B44.1/A17.5-1996
Operating temperature	-5° / +150°F (-20° / +65°C)
Storage temperature	-20° / +220°F (-30° / +85°C)
Mounting kit	Complete, included

\* NOTE: If switching high voltage, use slave relay (not included)

**GateKeeper** contains the least possible number of separate components to help speed up installation and designed with vandal-resistant considerations.

**GateKeeper** ships as a complete system and ready to install.

Model	Adams part	GateKeeper unit w/mounting kit
<b>AGK</b>	A850G7	For door height up to 7 ft.
Available *	A850G10	For door height up to 10 ft.
Available *	A850G7WP	Waterproof model for doors up to 7 ft.

Model	Adams part	GateKeeper replacement parts
<b>AGK-PS</b>	A850G7-P1	Control unit (power supply)
<b>AGK-RCV</b>	A850G7-R1	Receiver (with blue plug)
<b>AGK-TR</b>	A850G7-T1	Transmitter (with white plug)
<b>AGK-RCVC</b>	A850G7-RR1	Receiver cable, 16 ft. (blue plug)
<b>AGK-TRC</b>	A850G7-RT1	Transmitter cable, 16 ft. (white plug)
Available *	A850G7-VS	Vision shield, 7 ft.

\* NOTE: Available but not in stock.

**QUALITY  
ELEVATOR PRODUCTS, INC.**