



MODULAR SAFETY BEAM SYSTEM AccuGuard HP2

PRODUCT DESCRIPTION

The AccuGuard HP2 is an active infrared 2-beam safety system. This modular system consists of a separate Control Module, two Transmitter Beam Heads with cables and two Receiver Beam Heads with cables. The beam heads are available for recess mounting and can be ordered with surface mount housings (HP2-SURFACE).

When a beam is interrupted, the Control Module signals the door to open. In the event of a power loss to the AccuGuard HP2, it will also signal the door to open, thus providing a failsafe system.

The AccuGuard HP2 can be used in both new and retrofit installations with minimal door preparation. The beam heads are available for recess mounting into a 1/2" diameter hole or for surface mounting to any surface. Wiring instructions are printed on the control module housing and the software provides automatic set up.

Meet ANSI A156.10 safety requirements for automatic sliding doors by installing a HP2-SURFACE on the sliding door panel side of the entrance and a HP2 on the fixed sidelight side of the entrance.

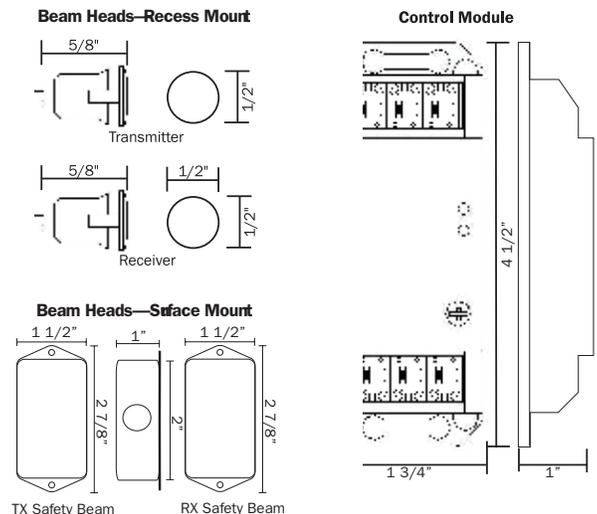
TECHNICAL DATA

- Intelligent Control Module automatically programs itself for one or two beam sets (two sets come with unit)
- Microprocessor controlled to minimize interference with other equipment or voltage oscillations
- Several units can be used in close proximity to each other
- Fuse protected and compact
- Automatic beam sensitivity adjustment on openings 36" and wider
- Independent sensitivity adjustment for each beam at the control module on openings less than 36"
- Beam range 0-16 ft.
- Excellent resistance to natural and artificial light sources, water and humidity
- No false activation from rain or insects
- Beam head cables are plug able allowing for easy replacement
- Wire connections at the control module are external screw-type terminals
- Cables are color coded: transmitter=gray, receiver=blue



SPECIFICATIONS

Model	HP2 & HP2-SURFACE
Detection Method	Active Infrared Beam Interrupt
Detection Range	6 to 32 feet
Power Requirements	12V to 24V AC or DC (No Polarity Requirements)
Light Resistance	Sun—150,000 LUX Artificial—50,000 LUX
Power Consumption	Standby 75mA, Active 100mA
Relay Contacts	Form C Contacts Rated @ 1 Amp (Resistive Loads Only)
Relay Activation Time	10 ms
Relay Hold Time	500 ms
Current Consumption	50mA @ 24V DC
Power Consumption	<1W
Relay Outputs	Main relay and vehicle relay, selectable to N.O. or N.C. via programming
Hold Time	Adjustable, 0.2 to 5 Seconds
Status LED	Solid Red = Beam Continuity Flashing Red = Beam Interrupt
Temperature	-4°F to 140°F (-20°C to 60°C)
Mounting	
Control Module:	Any Available Door Header Space
Recessed Mount Beam Heads:	1/2" Dia. Hole, 1" Deep
Surface Mount Beam Heads:	Any Available Surface



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