

Wall Protection Beams

Series 7000



FEATURES

- A reliable and easy solution for building wall protection
- Coded infrared optical system on three separate lenses with automatic solar energy compensation
- Thermostat and heater provided in each barrier
- DIP switch setting: AND/OR operation, beam interruption time and environmental monitoring circuit
- Range: Outdoor 70m at 80% attenuation
- Heights: 1.00m with 4 beams, 1.50m with 5 beams, 2.00m and 2.50m with 7 beams
- Easy installation with wall mounting brackets provided
- Alarm solid state relay and environmental disqualification solid state relay
- Output terminals for alignment via multi-meter
- Alarm and disqualification LED indicators
- Tamper protection
- IP55 Weatherproof

DESCRIPTION

Outdoor perimeter protection is the “New Frontier” today against intruder attacks. Reliability issue in outdoors environment has been solved with the Wall Protection Beams Series 7000, where an array of multiple beams provide the maximum operating stability, even under the worst weather conditions.

At the same time, the AND setting of adjacent beams eliminates any false alarm caused by falling leaves or birds interrupting infrared beams. Installation is very simple, as one single barrier protects an entire front of a building up to a distance of 70m. Each barrier is provided with thermostat and heating

system built-in, wall mounting brackets, output terminals for alignment via multi-meter and connection terminals. Each barrier has multiple beams, each beam is made by 3 coded infrared rays to prevent crosstalks caused by mutual interferences. All emitting LEDs are located at one end, all receiving

diodes at the opposite end. The choice of 4 different heights, 1.00m with 4 beams, 1.50m with 5 beams, 2.00m with 7 beams and 2.50m with 7 beams allows to select the right barrier for the best protection according to the installation requirements.



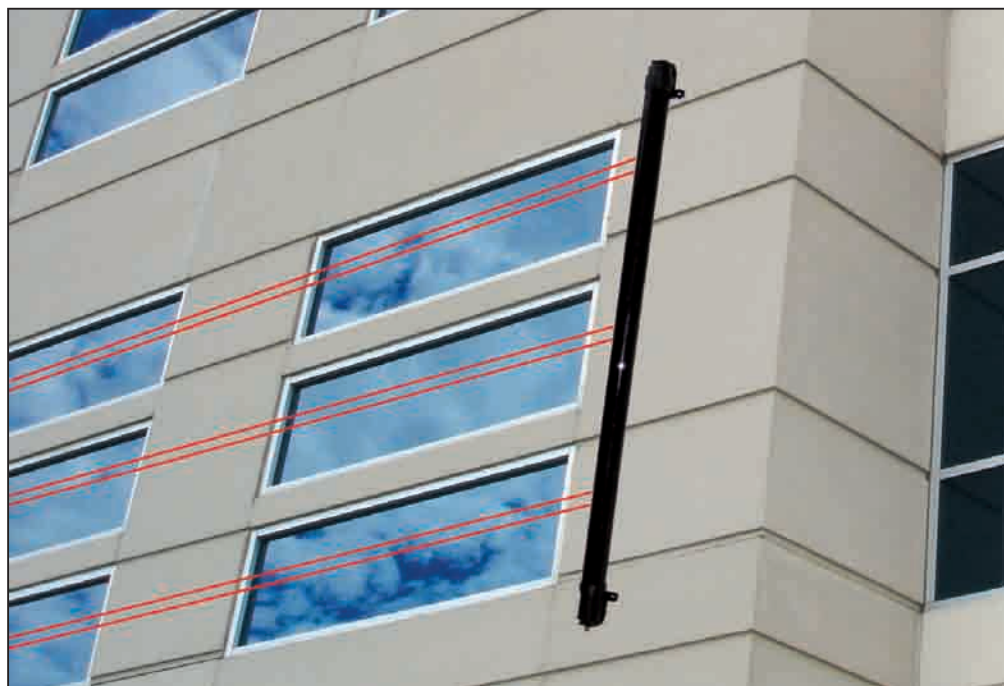
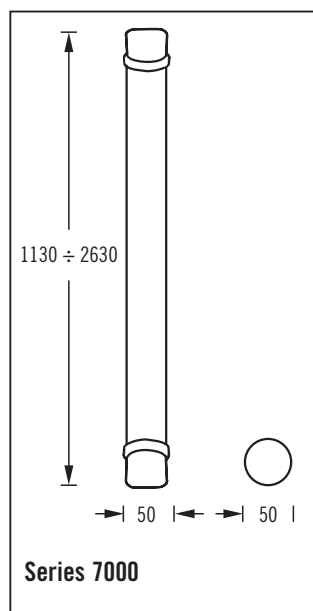
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SPECIFICATIONS

Model	7100	7150	7200	7250
Power Supply	11.5 ~ 14.5VDC			
Current Consumption (at 12VDC)	100mA	130mA	160mA	
Thermostat & Heater Power Supply	24VAC			
Detection range (outdoor)	70m			
Interruption Time	selectable by DIP switch: fast (90 ms) / slow (120 ms)			
2 Beams Interruption Alarm	selectable by DIP switch: AND / OR			
Environmental Disqualification	selectable by DIP switch: no alarm / alarm released			
Attenuation allowed	> 80%			
Alarm Relay	Solid state N.C. 100mA @ 60 Vc.c.			
Alarm Disqualification Relay	Solid state N.C. 100mA @ 60 Vc.c.			
Monitor Output for alignment via multi-meter	YES, on the terminal block			
Tamper	N.C. opens on fastening screw removal			
Operation Temperature	-20°C ~ +60°C			
Weatherproof	IP55			
Dimensions (mm)	Ø 50 x 1130	Ø 50 x 1630	Ø 50 x 2130	Ø 50 x 2630
Accessories provided	Wall Mounting Brackets, 150mm long, optional extensions on demand			
Colour	Black			
Weight g (without mounting brackets)				
1 m couple	2000			
1.5 m couple	3000			
2 m couple	4000			

DIMENSIONS (mm)



CODE	MODEL	DESCRIPTION
HE7100	7100	Wall Protection Beam, height 1.00m, 4 beams
HE7150	7150	Wall Protection Beam, height 1.50m, 5 beams
HE7200	7200	Wall Protection Beam, height 2.00m, 7 beams
HE7250	7250	Wall Protection Beam, height 2.50m, 7 beams