

# Twin Beam Detectors

RISCO Group's Twin Beam Infrared Photoelectric Detectors are designed for a wide variety of residential and commercial outdoor applications, providing reliable and cost-effective perimeter protection of buildings, fences, warehouses, factories, parking lots, gardens, etc.



- Outdoor range up to 75m (250ft)
- Twin beams prevent false alarms from flying birds, falling leaves, etc.
- Quick and easy installation with simple beam alignment
- Concealed 180° rotary optical system allows side aiming
- Rugged waterproof housing
- Adjustable beam interruption period
- 4 selectable beam frequencies prevent crosstalk between multiple units in long distance or beam stacking applications (Beam 72 only)



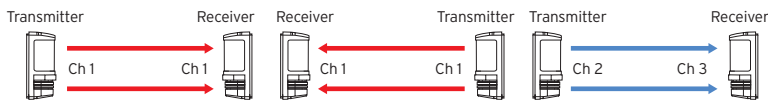
Creating Security Solutions.  
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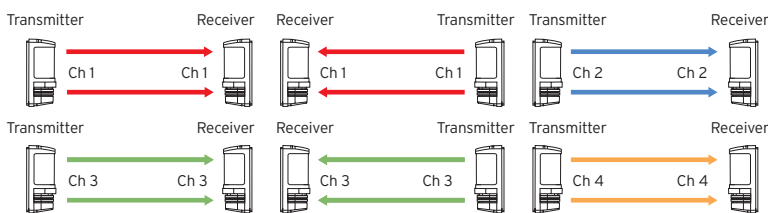
## Beam 72 Selectable Beam Frequencies

The selectable beam frequencies are used to prevent crosstalk when installing multiple units in long distance or beam stacking applications, as illustrated below:

### Long distance protection



### Double stacked long distance protection



### Specifications

Model	Beam 7115	Beam 7140	Beam 7225	Beam 7250	Beam 7275
Outdoor range	15m (50ft)	40m (130ft)	25m (82ft)	50m (165ft)	75m (250ft)
Indoor range	30m (100ft)	80m (260ft)	50m (165ft)	100m (330ft)	150m (500ft)
Detection method	Simultaneous interruption of 2 pulsed infrared beams				
Selectable beam channels	-		4 channels		
Beam interruption response time	Adjustable between 50 to 500msec				
Optical axis alignment	180° Horizontal, 10° Vertical				
Ingress protection	IP44				
Cover tamper	N.C. Tamper Output on Receiver Unit				
Operating temperature	-20°C to 55°C (-4°F to 131°F)				
Power input	10-28 VDC				
Current consumption	Receiver 16mA, Transmitter 6mA		Receiver 22mA, Transmitter 12mA		
Dimensions (Height x Width x Depth)	161x62x64mm (6.3"x2.4"x2.5")		188x72x75mm (7.4"x2.8"x2.9")		

### Ordering Information

Model	Description
Beam 7115	Twin Beam 15m (50ft)
Beam 7140	Twin Beam 40m (130ft)
Beam 7225	Twin Beam 25m (82ft)
Beam 7250	Twin Beam 50m (165ft)
Beam 7275	Twin Beam 75m (250ft)

## Additional Outdoor Detectors from RISCO Group



### Wireless Barrier Beams

With unique immunity to sun and fog, powered by standard CR123A batteries

### Wired Barrier Beams

With RISCO Bus connectivity (coming soon)



### WatchOUT™

The Award Winning Outdoor Motion Detector in Wired and Wireless versions



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