

Strip Beams



Photoelectric strip (barrier) beams for outdoor or indoor use in slim line aluminium housings with UV resistant lenses, consisting of a receiver and transmitter unit with 2, 4, 6 or 8 separate photoelectric beams requiring that 2 adjacent beams be interrupted simultaneously to generate an alarm condition.

Product Code	BD252-4	BD254-3	BD256-3	BD256-7	BD258-3
Sensing Range (metre)	30	30	30	70	30
Number of Beams	2	4	6	6	8
Profile length (cm)	37	71	123	123	169
Synchronisation Wire	< 5 m				
Common PSU (Negative)	NO				
Adjustment Angle	180°				
Terminal Block	External wiring terminal block				
Operating Voltage	12 to 16 Vdc				
Relay Output	NC				
Current (mA) TX	50	80	80	90	90
Current (mA) RX	50	50	50	70	70
Detection Method	2 beams interrupted simultaneously				
Beam Response Time	40 ms				
Alignment Indicator	Buzzer & LED				
Tamper Switch	Front & Back				
Operating Temperature	-35°C to 55°C				
IP Rating	55				
Relative Humidity	95%				

Suitable for Internal/External protection
Beam construction: Durable Aluminium Alloy housing and UV resistant lens covers
AGC circuit for added stability
Intelligent Auto Digital Modulation
Special Optical Technology, with special glass filters for added stability and reliability
Wall mount or Pole-mount
Range: 2, 4, 6 or 8 photoelectric beam sensor
External wiring terminal block
Alarm activation: simultaneous activation of 2 adjacent beams
Simple installation – no need to remove the beam PCB's from the housing to do the installation or alignment (external wiring terminal)
Quick and accurate alignment - 180° Horizontal axis adjustment with buzzer and LED indication
Flexible installation – does not require a common power supply between the receiver and transmitter
No Sync wire required for distances greater than 5 metres
3 Power settings for enhanced detection stability
Splash proof – IP 55 rated