

Dual Photobeam Detector

SP-961-D196AB up to 196ft (60m)

The ENFORCER Dual Photobeam Detector is easy to install and provides extended range while minimizing false alarms from falling leaves, birds, etc. The transmitter and receiver are designed to provide reliable perimeter security both indoors and outdoors.

Features

- Dual beams provide reliable perimeter security while minimizing false alarms caused by falling leaves, birds, etc.
- Lensed optics enhance beam strength and offer excellent resistance to false alarms caused by rain, snow, mist, etc.
- Automatically adjusts beam strength to compensate for different weather conditions
- Automatic input power filtering with noise rejection circuitry
- Flexible operative voltage – 9~30 VDC / 9~20 VAC
- Non-polarized power inputs
- NO/NC Alarm output
- N.C. Tamper circuit included
- Adjustable alignment – Horizontal $\pm 90^\circ$ / Vertical $\pm 10^\circ$
- Response time can be adjusted for almost any situation
- LED Indicators for power, alarm status, and signal strength
- Flexible, pole- or wall-mount, pole-mounting brackets included
- IP65 Weatherproof, sunlight-filtering case for indoor and outdoor use



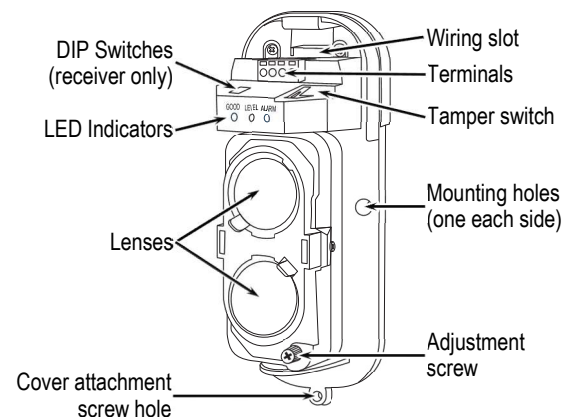
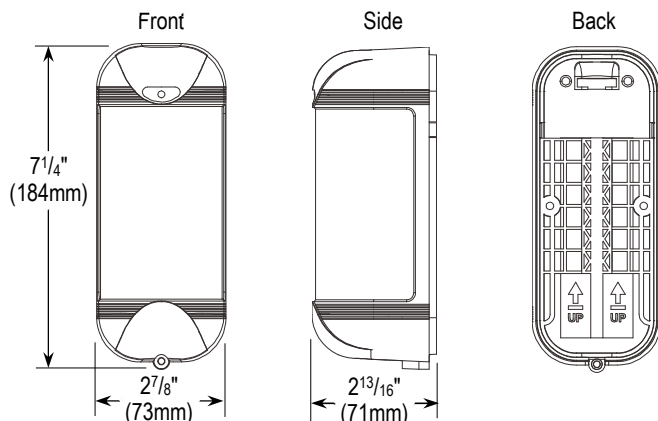
9~30
VDC
9~20 VAC

IP65
Weatherproof

Tamper
Alarm
Output

Up to
196ft

Overview



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SECO-LARM® ENFORCER® CRIMEBUSTER® CBA® SLI®

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Specifications

Type	Photobeam	
No. of beams	2	
No. of beam frequencies	1	
Detection methods	Interruption of both beams	
Sensing range	196ft (60m)	
Response time	50ms (default) / 100ms / 300ms / 700ms (adjustable)	
Operating voltage	9~30 VDC / 9~20 VAC	
Current draw	12VDC	56mA
	24VDC	56mA
Outputs	Trigger	NO/NC (selectable) 0.5A@24VAC/VDC
	Tamper	N.C., 1A@24VAC/VDC (max.)
Tamper sensors	Trigger switch when cover is removed	
Alarm time range	≥ 1.5s	
LED Indicators	Transmitter	Green (POWER), on when power is turned on, off after 30 minutes
	Receiver	Blue (LEVEL), weak signal indicator, OFF when strong Green (GOOD), strong signal indicator, ON when strongest Red (ALARM), ON when alarm is triggered, OFF when no alarm
Alignment angle	Horizontal	±90°
	Vertical	±10°
IP Rating	IP65 Weatherproof	
Operating humidity	Up to 95%, non-condensing	
Operating temperature	-22°~158° F (-30°~70° C)	
Dimensions	27 ¹ / ₈ "x7 ¹ / ₄ "x2 ¹³ / ₁₆ " (73x184x71 mm)	
Weight	Transmitter	8.9-oz (252g)
	Receiver	9.4-oz (266g)

Cable Length Chart

The maximum cable length for various sizes of wiring cables is as follows (shielded cable is strongly suggested).

Wire size	12V	24V
AWG22 (0.33mm ² / 0.0005in ²)	280m / 920ft	2,400m / 7,870ft
AWG20 (0.52mm ² / 0.0008in ²)	450m / 1,480ft	4,200m / 13,780ft
AWG18 (0.83mm ² / 0.0013in ²)	700m / 2,300ft	6,200m / 20,340ft
AWG17 (1.03mm ² / 0.0016in ²)	850m / 2,790ft	7,600m / 24,930ft

NOTES

- When two or more sets are connected, divide the value shown above by the number of sets to determine the maximum cable length.
- The power line can be up to 3,300ft (1,000m) with AWG22 (0.33mm²) telephone wire.