

Long-Range Barrier Sensors

E-9626-2B190Q

2 Pairs, 26 Inches Long (66cm)

E-9643-4B190Q

4 Pairs, 43 Inches Long (109cm)

E-9661-6B190Q

6 Pairs, 61 Inches Long (155cm)

E-9679-8B190Q

8 Pairs, 79 Inches Long (201cm)

Features:

- Long sensor range up to 190ft (60m) outdoors, 380ft (120m) indoors
- Programmable for 4 different frequencies to reduce interference between multiple units
- Programmable response time (150/300/450/600 ms)
- Built-in heater (activates at 41°F (5°C))
- LED and buzzer alignment indicators
- For indoor or outdoor perimeter security
- End caps swivel for easy installation
- Programmable immediate trigger on simultaneous breaking of beams, or trigger after a single pair of beams is broken for at least 2 seconds
- Built-in tamper switches
- No synchronizing wires required for alignment
- Form C relay output
- Terminal block wiring
- AGC (Auto Gain Control) Circuits regulate beams to ensure operation in rain, fog, and low-temperature

Specifications:

Model Number Suffix	2B190Q	4B190Q	6B190Q	8B190Q
Number of beams	2 pairs	4 pairs	6 pairs	8 pairs
Max. range (outdoor)	190' (60m)			
Max. range (indoor)	380' (120m)			
Heater active current (Rx+Tx)	160mA@12VDC			
Current draw	20~160 mA@12VDC			
Input voltage	12~24 VDC			
Response time (receiver)	150/300/450/600 ms (DIP switch programmable)			
Alarm output	NO/NC/COM, relay output, if triggered, active for 1 sec.			
Tamper output (Tx & Rx)	1A@120VAC/1A@24VDC			
Operating temperature	-49°~131° F (-45°~55° C)			
IP Rating	IP65			
Weight (Tx & Rx) with end caps	5.5-lb (2.5kg)	7.7-lb (3.5kg)	12.1-lb (5.5kg)	14.3-lb (6.5kg)
Length	26 in (2.16 ft) (66cm)	43 in (3.58 ft) (109cm)	61 in (5.08 ft) (155cm)	79 in (6.58 ft) (201cm)
Width and depth	2 1/4" x 1 7/8" (55x49 mm)			

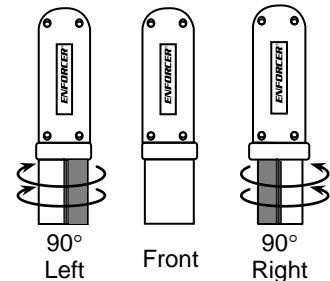
Up to
380ft
(120m)



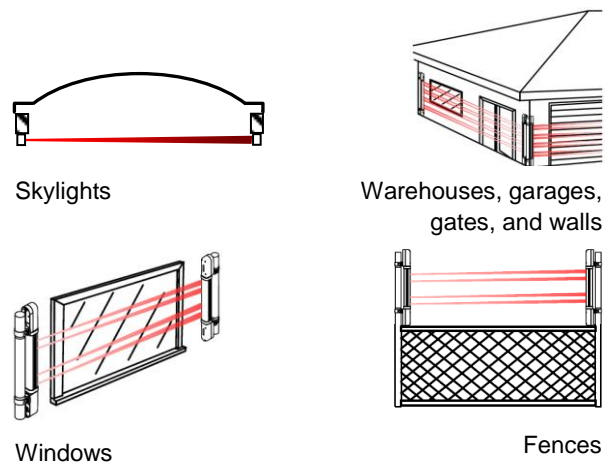
(2B190Q) (4B190Q) (6B190Q) (8B190Q)

Swivel Housing:

Each sensor is built with a swivel housing for flexible installations and simple alignment. To use, twist the beams up to 90°.



Sample Applications:



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