

### Long-Range Barrier Sensors

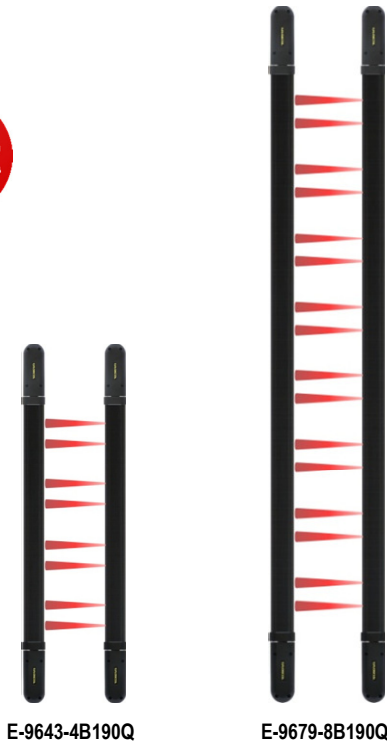
**E-9643-4B190Q** 4 Pairs, 43 Inches Long (109cm)

**E-9679-8B190Q** 8 Pairs, 79 Inches Long (201cm)

Up to  
**380ft**  
(120m)

#### 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

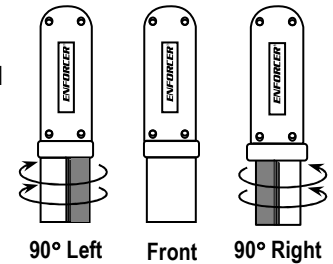


E-9643-4B190Q

E-9679-8B190Q

#### Swivel Housing:

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



90° Left

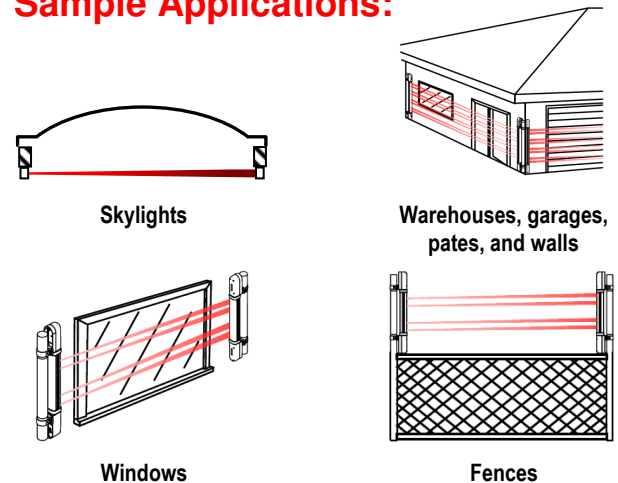
Front

90° Right

#### Specifications:

Model	E-9643-4B190Q	E-9679-8B190Q
Number of beams	4 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	7.7-lb (3.5kg)	14.3-lb (6.5kg)
Length	43" (109cm)	79" (201cm)
Width and depth	2 1/4" x 1 7/8" (55x49 mm)	

#### Sample Applications:



Skylights

Warehouses, garages,  
pates, and walls

Windows

Fences

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