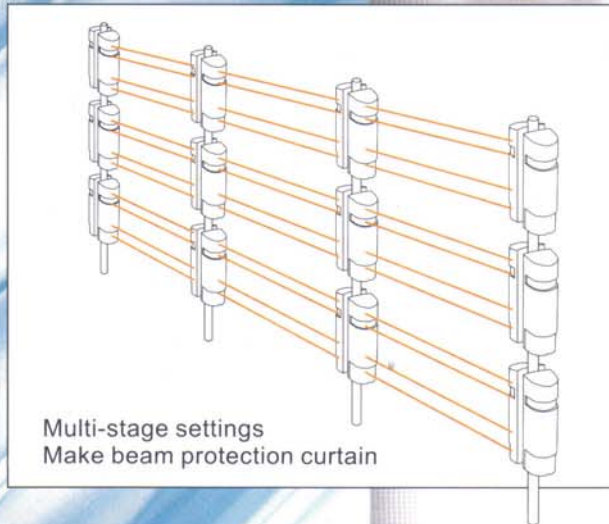


Digital

《High Reliable intelligent Quad Series》

Quad-Beam Active Infrared Sensor

- LK-60HQ (Outdoor 60m)
- LK-110HQ (Outdoor 110m)
- LK-160HQ (Outdoor 160m)
- LK-200HQ (Outdoor 200m)



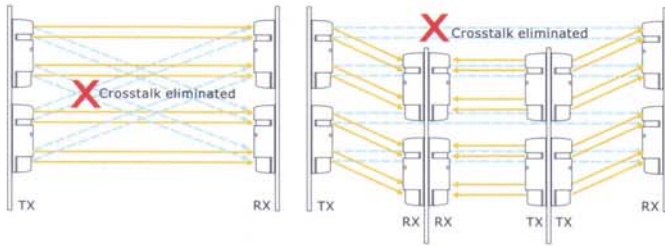
LED level meter for beam alignment. Three LEDs on the receiver act as a level meter to visually display the beam reception level. 10-level LED indicator enable quick and accurate beam alignment.

Features

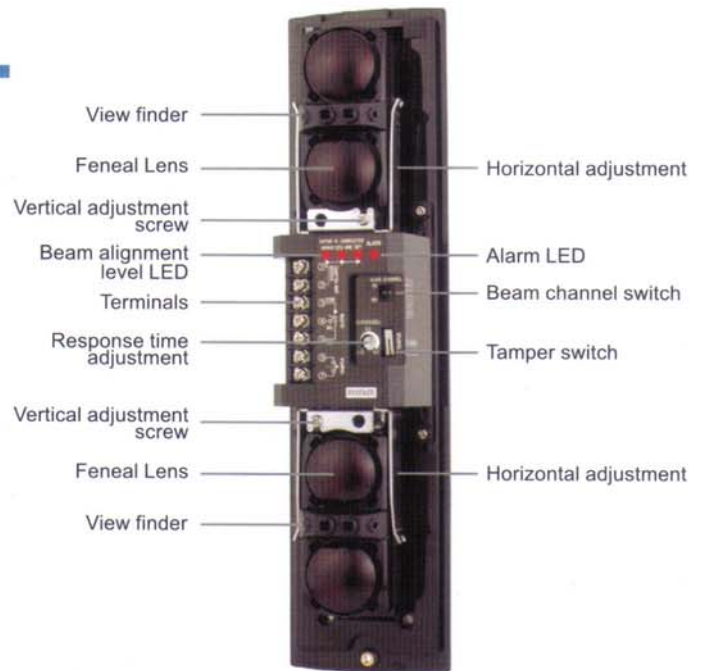
- Quad Beam detection.
Four synchronized pulsed infrared beams ensure ultimate stability in any applications.
False alarms due to falling leaves and small animals are virtually eliminated
- Easy optical alignment with LED indication
 - ⊙10-level LED indicator which can be checked the beam strength easily.
 - ⊙Highly accurate alignment with no need to use a voltmeter.
 - ⊙No need for beam blocking plate.
- Selectable 8-channel beam frequencies.
Selectable beam channel frequencies for beam stacking and long distance applications without crosstalk.

Beam stacking applications

Long distance applications

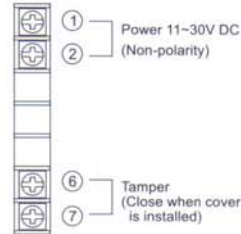


- Up to 4-sets for multiple installation.
- Adjustable beam interruption period (50-700 msec)
- Lighting & Surge protection. Automatic gain control circuit.
- Form C relay providing more applications.
- Anti-Frost design.

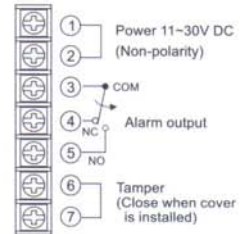


Terminals

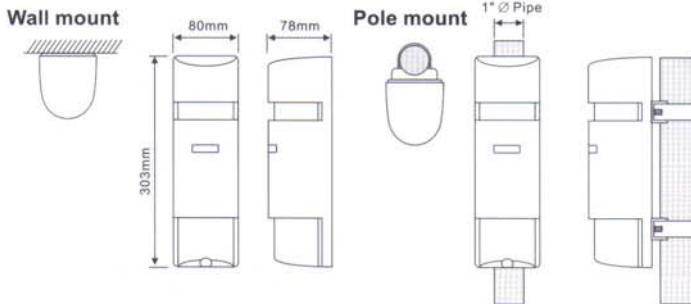
Transmitter



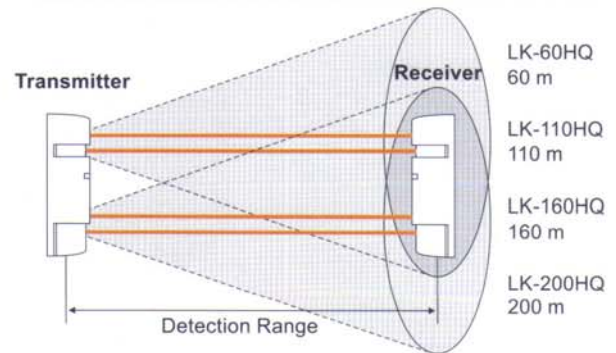
Receiver



Dimensions



Detection Range



Specification

Model	LK-60HQ	LK-110HQ	LK-160HQ	LK-200HQ
Coverage outdoor use	60 m	110 m	160 m	200 m
Infrared beam	4-Beams(4 beams simultaneous interruption alarm activated)			
Selectable beam frequency	. CH1 ~ CH8 8 channels			
Response time	50~700msec (variable)			
Power input	11~30VDC (no polarity)			
Power consumption (at 12VDC input)	70 mA	80 mA	90 mA	100 mA
Indication LED	Power LED : RED LED (transmitter) / ALARM LED : RED LED (receiver) BEAM alignment level LED : 3 RED LEDS (receiver)			
Alarm duration	1 ±0.5sec			
Relay output	Form C relay dry contact, 1A/120VAC, 2A/24VDC (resistor load)			
Tamper	open when cover is removed (1A/120VAC)			
Alignment angle	Vertical 20° (±10°), horizontal 180° (±90°)			
Mounting	Wall mount or pole mount			
Operation temperature	-25°C ~ +55°C			
Weight	1310 g			
Accessories	Wall mount screw (8 pcs), pole mount screw (8 pcs), metal mounting bracket (2 pcs), mounting hook (4 pcs), U-clamp (4 pcs)			

The specifications are subject to change without notice.

