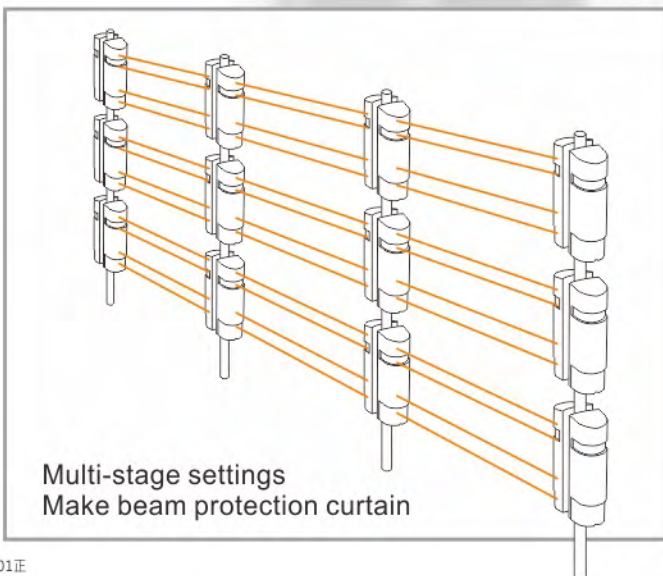


Digital

(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)
- LK-250HQ (Outdoor 250m)



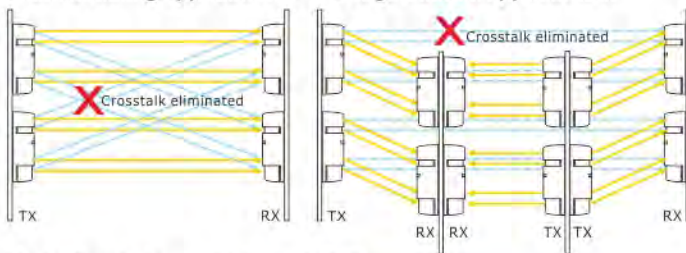
LED level meter for beam alignment. Three LEDs on the receiver act as a level meter to visually display the beam reception level. 10-level LED indicator enables quick and accurate beam alignment.

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, we can check beam strength easily.
 - ⊙ Highly accurate alignment, no need to use voltmeter.
 - ⊙ No need for using beam blocking plate.
- Selectable 8-channel beam frequencies.
Selectable beam frequencies for beam stacking and long distance applications without crosstalk.

Beam stacking applications

Long distance applications

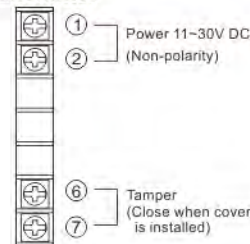


- Up to 8-sets for multiple installation.
- Adjustable beam interruption period (50-700msec)
- Lighting & Surge protection. Automatic gain control circuit.
- Form C relay providing more applications.
- Anti-Frost design.
- Target, structure color is tuned to the peak wavelengths of human vision, to be easily targeted in the beam alignment process.

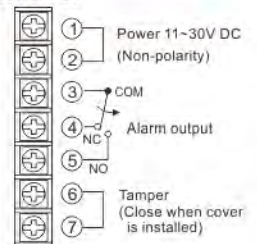


Terminals

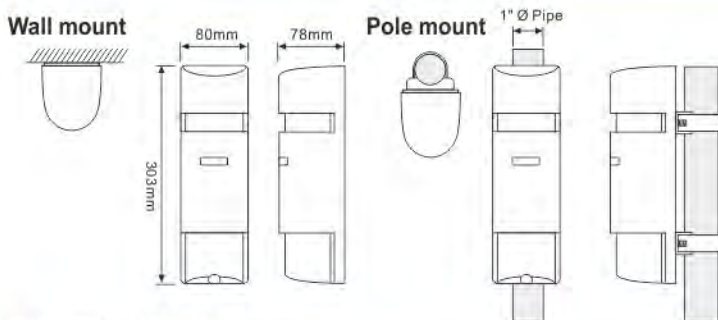
Transmitter



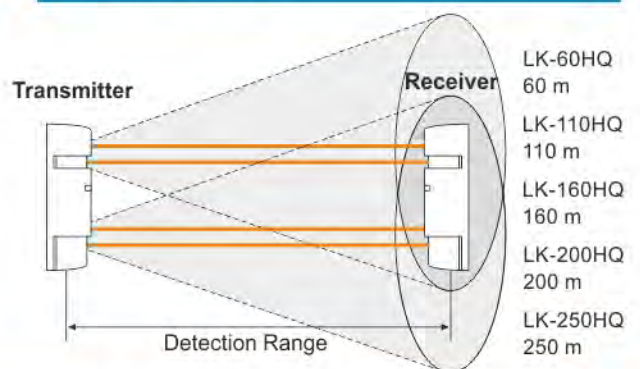
Receiver



Dimensions



Detection Range



Specification

Model	LK-60HQ	LK-110HQ	LK-160HQ	LK-200HQ	LK-250HQ
Coverage outdoor use	60 m	110 m	160 m	200 m	250 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	120 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°)				
IP rating	IP55				
Mounting	Wall mount or pole mount				
Operation temperature	-25°C ~ +60°C				
Weight	1310g				
Accessories	Wall mount screw (8 pcs), pole mount screw (8 pcs), metal mounting bracket (2 pcs), mounting hook (4 pcs), U-clamp (4 pcs)				