

Digital

Twin-Beam Infrared Photobeam Sensor

LK-25HD(Outdoor 25m)

LK-40HD(Outdoor 40m)

LK-60HD(Outdoor 60m)

LK-80HD(Outdoor 80m)

LK-100HD(Outdoor 100m)

LK-120HD(Outdoor 120m)



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

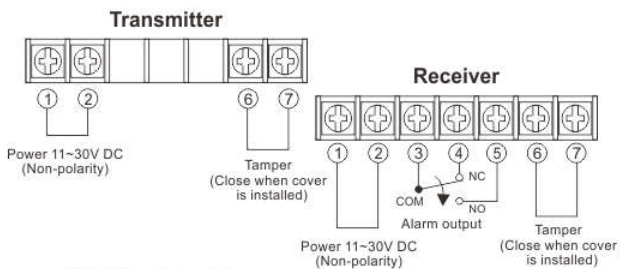
1. Powerful and reliable twin beam detector
2. Easy optical alignment with LED indication
 - ◎ 10-level LED indicator, one can check beam strength easily.
 - ◎ Highly accurate alignment, no need to use voltmeter.
 - ◎ No need for using beam blocking plate.



3. Double modulation synchro-twin beam (20KHz/500Hz)
4. Adjustable beam interruption period (50~700msec)
5. Lighting & surge protection. Automatic gain control circuit.
6. Form C relay providing more applications.
7. Anti- Frost design.
8. IP rating up to 66, made possible by the high-sealing silicone rubber packing.
9. Target structure color, is tuned to the peak wavelengths of human vision, to be easily targeted in the beam alignment process.



Terminals

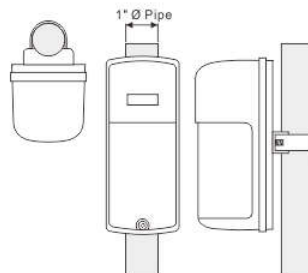


Dimensions

Wall mount



Pole mount



Pole mount



Specifications

Model	LK-25HD	LK-40HD	LK-60HD	LK-80HD	LK-100HD	LK-120HD
Coverage outdoor use	25m	40m	60m	80m	100m	120m
Response time	50~700msec (variable)					
Power input	11~30VDC (no polarity)					
Power consumption (at 12VDC input)	45mA	55mA	60mA	80mA	90mA	100mA
Indication LED	Power LED: GREEN 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	IP66					
Mounting	Wall mount or pole mount					
Operation temperature	-25°C~ +60°C					
Weight	730g					
Accessories	Wall mount screw (4 pcs), pole mount screw (4 pcs), metal mounting bracket (2 pcs), mounting hook (2 pcs), U-clamp (2 pcs)					

The specifications are subject to change without notice.