

**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

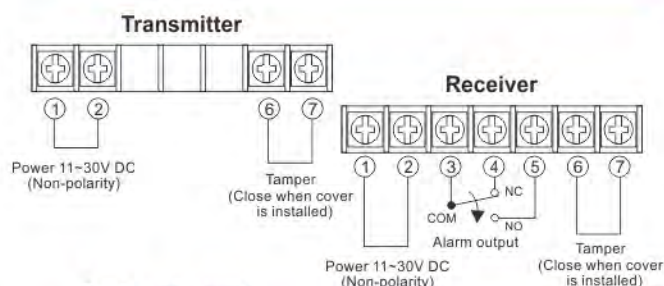
1. Powerful and reliable twin beam detector
2. Easy optical alignment with LED indication
  - ⊙ 10-level LED indicator, one can check beam strength easily.
  - ⊙ Highly accurate alignment, no need to use voltmeter.
  - ⊙ No need for using beam blocking plate.



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.

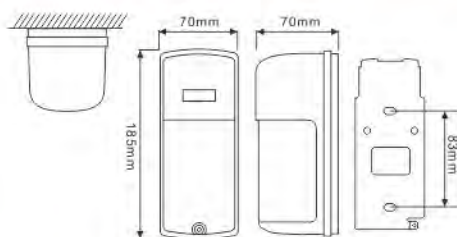


## Terminals

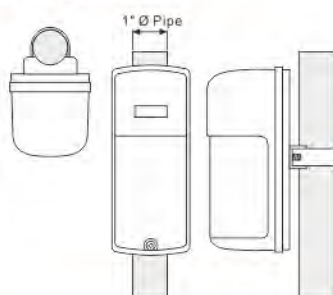


## Dimensions

### 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.