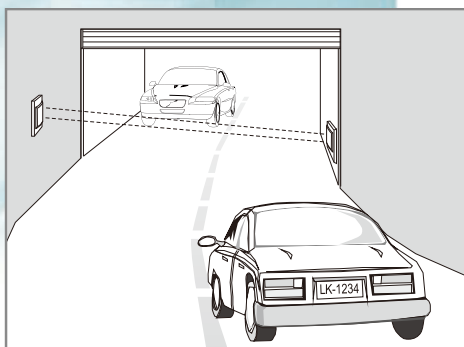


## **Twin-Beam Infrared Photobeam Sensor** **(Flush-Mount)**



**LK-12HD**  
(12m, Alignment angle  $\pm 15^\circ$ )

## **Reflector-Beam Infrared Photobeam Sensor** **(Flush-Mount)**

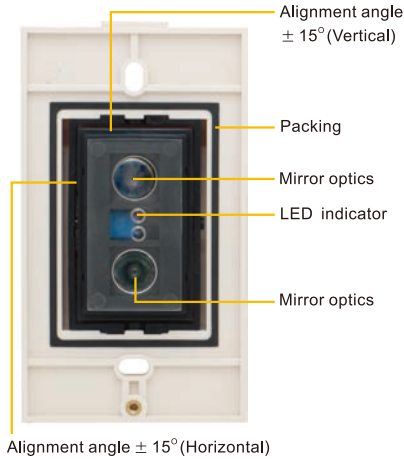


**LK-7HR**  
(7m, Alignment angle  $\pm 15^\circ$ )

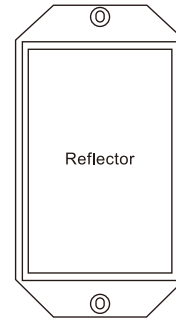
- Protection range:  
12m(Twin-beam LK-12HD)  
7m(Reflector-beam LK-7HR)
- All models mount with a standard signal gang electric box.
- Excellent external light immunity.
- LED alignment indicator-visibly confirms proper alignment.
- Beam protection for entrances, exits, corridors and staircases.

# Parts Identification:

## LK-12HD, LK-7HR

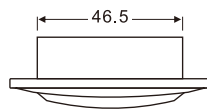


## LK-7HR

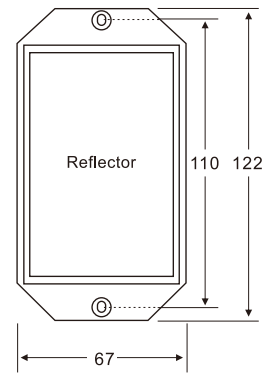
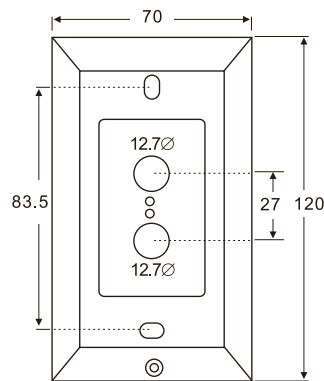


# Dimension:

## LK-12HD, LK-7HR

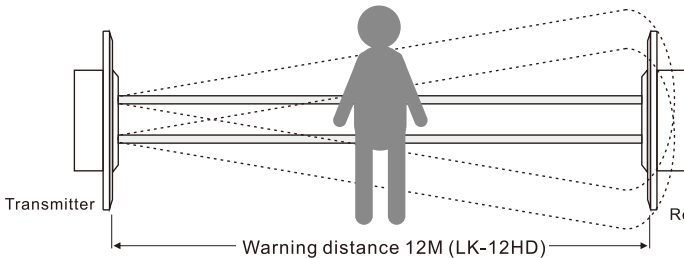


Unit: mm

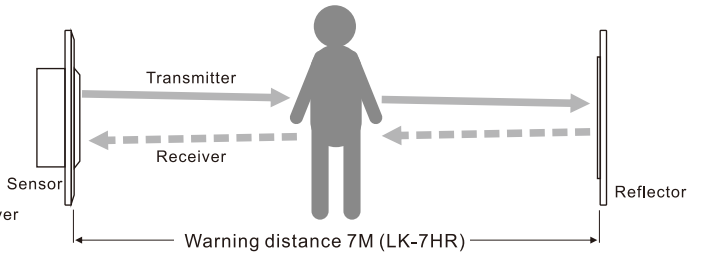


# Warning Distance:

## LK-12HD(Twin-Beam)



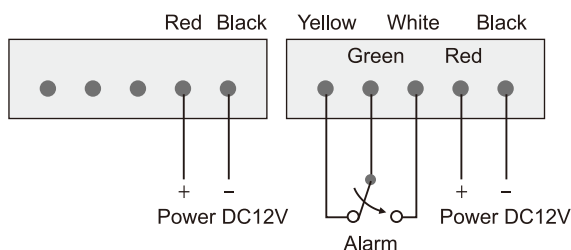
## LK-7HR(Reflector-Beam)



# Wiring Configuration:

LK-12HD Transmitter

LK-12HD Receiver  
LK-7HR



# Specification:

Model	LK-12HD	LK-7HR
Alarm distance	12m	7m
Detection method	Infrared photoelectric	
Infrared beam	500Hz	7.6KHz
Response time	50 msec	50 msec
supply voltage	DC11~18V	DC11~18V
Power consumption	45mA	55mA
Alignment angle	Vertical $\pm 15^\circ$ Horizontal $\pm 15^\circ$	Vertical $\pm 15^\circ$ Horizontal $\pm 15^\circ$
Alarm signal	Non-voltage contact 1a, 1b(24VDC/1A)	
Operating temperature	-20 ~ +55°C	
LED indicator	Receiver red LED on in alarm condition	Red LED on in alarm condition
Connection	Lead wire	