

STANDARD VERSION

PHOTOELECTRIC BEAM SENSOR

■ **PRO-40** : Outdoor 40m / Indoor 80m



SensorPro-40 is the best choice for easy operation and reliable performance at attractive price.

SensorPro presents a new standard version, SensorPro-40 is ideal product with high quality and reasonable cost.

The advanced mechanical design allows for easy installation and quick optical alignment, especially, the high grade aspherical lens provides powerful twin beam for greater stability and higher reliability.

FEATURES

Powerful and Reliable Twin Beam Sensor

Twin synchronized pulsed beams reduce false alarms caused by a bird and falling leaves.

Excellent External Light Immunity

Technical synthetic dyes shut out a visible ray caused by sunlight around dawn and/or dusk, automobile headlights and other light sources.

Against Frost & Dew

An anti-frost and convex visor design is incorporated to protect the detector from effect of frost & dew. The lapped & polished cover by super precision machine keep from "Ice & dewdrop is formed on the cover".

Against Salty Air and High Humidity

The Pro-Alpha is coated by Silicon Varnish Spray to protect PCB's rust from salty air and humidity.

Easy Beam Alignment

The rotating dial allows the installer to finely adjust the beam easily either horizontally ($180^{\circ}/\pm 90^{\circ}$) or vertically ($20^{\circ}/\pm 10^{\circ}$) with or without the use of a screwdriver.

The Maximum Distance 10 Times

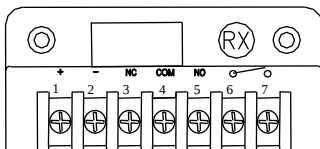
It reach 10 times of the detection range for Pro-20A

SPECIFICATIONS

Model	PRO-40
Protection distance	Outdoor :40m(150ft.)
Detection method	Twin synchronized pulsed beams
Beam characteristic	Pulsed infrared
Response time	50 ~ 500 mS
Supply voltage	10 ~ 24 V (Non-polarity)
LED	Tx : Greed LED(Power), Rx : Green LED(GOOD) / Red LED(Alarm)
AGC voltage	Alarm:2.0V under, Ready:2.1~2.9V, Good:3.0V over
Current consumption	Rx : 24mA, Tx : 24mA (Max.)
Alarm output	Dry contact relay output 1C (COM, NC, NO) Reset : Interruption time + off-relay (Approx. 1 sec)
Temperature	-25°C ~ 60°C
Tamper output	Dry contact, Micro SW (COM, NC)
Beam adjustment	Horizontal : $180^{\circ}(\pm 90^{\circ})$, Vertical : $20^{\circ}(\pm 10^{\circ})$
IP rating	65
Weight	Transmitter : 330g, Receiver : 340g
Option	Pole bracket(model no.PM11)

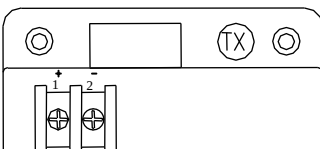
TERMINALS

Receiver



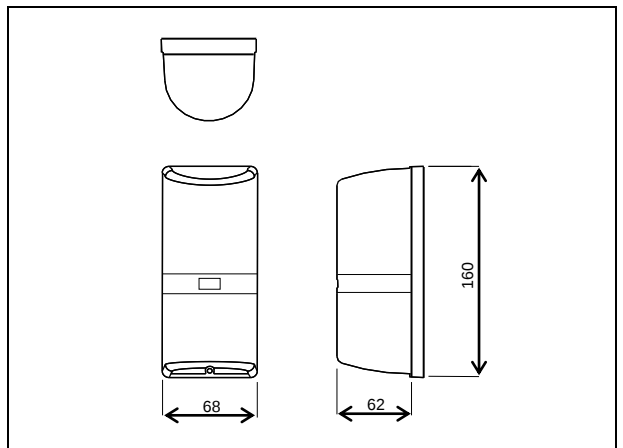
1. VCC : DC10~24V
2. GND
3. Normal Close
4. Common
5. Normal Open
6. Tamper
7. Tamper

Transmitter



1. VCC : DC10~24V
2. GND

DIMENSIONS



*Note: This unit is designed to detect an intruder and active an alarm control panel. Being only a part of a complete system, we cannot assume responsibility for theft or damages, should it occur.