

STANDARD VERSION

PHOTOELECTRIC BEAM SENSOR

- **Pro-100A : Outdoor 100m(350ft.)**
- **Pro-150A : Outdoor 150m(500ft.)**



Reliable Technology from SensorPro-100A/150A Provides All the Outdoor Security You Need.

SensorPro-100A/150A photoelectric beam sensors are the best choice for those looking for highly reliable and easy-to-install sensors for perimeter protection at attractive price.

SensorPro-100A/150A guarantees ultimate stability in harsh environmental conditions. SensorPro-100A/150A's many other user-friendly features make it the perfect choice for any applications.

FEATURES

■ Twin Synchronized Pulsed Beams Designed for Greater Stability

Twin beams require simultaneous interruption of both beams to trigger an activation. No activation is generated when a bird or falling leaves break just one beam.

■ A.G.C.(Automatic Gain Control) Circuit

The A.G.C. Circuit continually monitors for gradual changes in the signal's strength caused by changing weather conditions. It adjusts the sensitivity accordingly to maintain the proper signal level for the current environmental conditions.

■ Beam Blocking Stability

Enables stable operation with as much as 99.5% loss of beam energy caused by heavy rain, dust storms, fog or snow.

■ Stainless Steel Screws & Back Plate

■ Highly Durable & Heat-Resistant Housing Cover & Chassis

The housing cover & chassis provide higher durability against shocks, high temperatures and many other harsh environment conditions.

■ Clear Viewfinder Visibility

A conveniently placed viewfinder allows for easy alignment even in some of the most difficulty mounting situations.

■ Against Frost & Dew

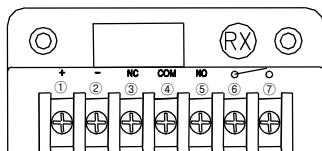
An anti-frost and convex visor design is incorporated to protect the detector from effect of frost & dew.

SPECIFICATIONS

Model	Pro-100A	Pro-150A
Protection distance	Outdoor 100m(350ft.)	Outdoor 150m(500ft.)
Detection method	Twin synchronized pulsed beams	
Beam characteristics	IR LED	
Maximum arrival distance	1000m(3300ft.)	1500m(4950ft.)
Response time	50 ~ 500 mS	
Supply voltage	10 ~ 24 V (Non-polarity)	
LED	Tx : Green 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 (±90), Vertical : 20 (±10)	
Mounting	For wall/pole, indoor or outdoor	
Weight	980g	
Option	Pole mounting bracket(model no,PM22)	

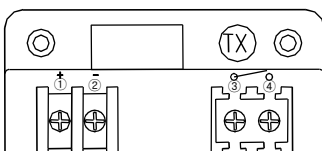
TERMINALS

Receiver



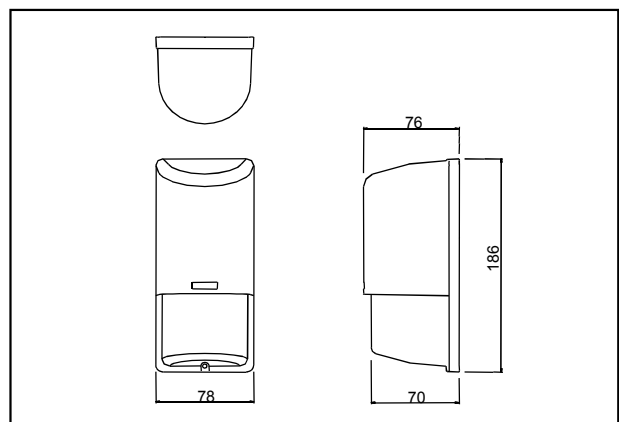
1. VCC : DC10 ~24V
2. GND
3. Normal Close
4. Common
5. Normal Open
6. Tamper
7. Tamper

Transmitter



1. VCC : DC10 ~24V
2. GND
3. Tamper(option)
4. Tamper(option)

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.