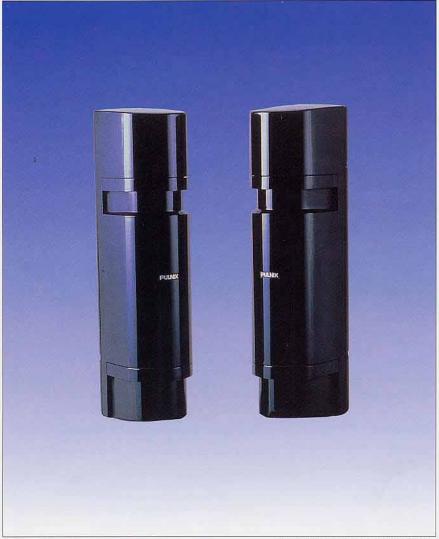


# LOW CURRENT PHOTOELECTRIC BEAM SENSOR (INTELLIGENT)

C € © N1702 PB-IN-75SW : Outdoor 250ft. (75m)



Patent registered Patent pending Utility model pending Design registered

POLE COVERS SOLD SEPARATELY

#### **ENVIRONMENT MONITOR**

Annunciation by relay output of specific low signal level due to fog, rain or snow.

#### **DESIGN FEATURES**

- \* Extensive Beam alignment adjustment. (Horizontal ±90°, Vertical ±10°)
- \* Tamper output for high security.
- \*Strong PC resin used for cover.
- \* Automatic gain lock.

A HYBRID LOW CURRENT PHOTOELECTRIC BEAM SENSOR DESIGNED FOR SOLOR APPLICATION.

## SYNCHRONIZED HIGH **POWERED BEAMS**

100 times sensitivity margin and 10 times distance margin by using double modulation and Phase Locked Loop (PLL) circuit. (patented)

- \*External light compensation circuit provides excellent tolerance against sun light, automobile, flourescent and mercury lights.
- \*Upper and Lower beams are "and-gated", which helps to prevent false alarms from falling leaves and small animals.

#### **FOUR FREQUENCIES SELECTION**

4 separate choices of frequency avoids cross-talk in stacked or long linear installations.

#### LOW CURRENT CONSUMPTION

Low current consumption design for use with solar panels and low current output control panels.

Under 6mA when used DC6V. (approx. 3.7mA for transmitter only)

## RECEIVING LEVEL INDICATION **FUNCTION**

- \*Sensitivity attenuation LED Lights when beam is attenuated.
  - Convenient for checking sensitivity margin after putting cover on.
- \* Monitor jack output
  - Tester to measure receiving level is available on the market, therefore axis adjustment can be done correctly.

#### RESPONSE TIME

Response time can be field advised from 50ms-700ms.

### PROTECTION AGAINST FROST/DEW

Special front cover hood design prevents false alarms when the cover is coated with frost or dew.



Application