PASSIVE INFRARED SENSOR
PIR-30WE (Wide angle protection)
PIR-50NE (Vertical curtain protection)

A choice of Wide Angle[100ft(30m)] and Long Range[165ft(50m)]
Protection 11.5ft(3.5m) Mounting Height to prevent Vandalism.
Hooded design for improved external use.

PROTECTION AREA ESPECIALLY DESIGNED TO
PROTECT FROM HIGH MOUNTING POSITIONS
Offering a choice of Long Range narrow field, or Mid Range Wide
Angle and equipped with N.C./N.O. output, these units are ideal for
camera / light activation, or as components in security systems.

ANTI-VANDALISM
With look down zones and a tilt switch, these units are protected
from vandalism and suitable for any external applications.

STRONG HOUSING CASES
The casings of these units are made from AES resin which improves
the unit’s durability and resistance to conditions such as wind, rain
and direct sunlight.
The long steel hood helps protect the lens from direct sunlight and
bird problems.

FUNCTIONS
• L/C (LED control) function
  The unit is equipped with L/C function by which the LED function
can be remotely activated/de-activated.
  L/C function enables simple walk test functionality after unit is
  installed.
• Tamper switch
  The units have independent tamper outputs activated by removal
  of cover.
• Sensitivity adjustment
  Sensitivity is adjustable between 30% and 170%.
• Pulse count
  Selectable from 1, 2 or 4.
• Optical Viewfinder
  Attached Viewfinder enables easy set up for zone coverage.

RAIN-PROOF STRUCTURE
The units are constructed with weather-resistant seals to prevent
water from entering.
(For exposed wiring, use water-proof grommet or conduit.)

OPTIONAL

Pole mount option
[BP-03]

Horizontal Pole mount option
[BP-03]+[BL-8400]

Vertical Pole mount option
[BP-03]

Wall mount option
[WO-20]+[BL-8400]
PASSIVE INFRARED SENSOR

[TERMINAL ARRANGEMENT]
[Terminal arrangement]

1. Power (non-polarity) : 9 to 30V DC 35mA Max.
2. Alarm output
   - Dry contact (Semi-conductor) output (N.C./N.O.)
   - Protective resistor 3.3Ω
   - One-shot output at detection (Approx. 2sec.)
   - A series of continuous output when detecting low supply voltage (Until recovery)
   - Rating: 24V (AC/DC) 0.25A (resistive load)
3. Tamper output
   - Dry contact output (N.C.)
   - Real time output when the cover is detached from the unit.
   - Off delay output (Min. 2sec.) when the sensor is tilted.
   - Rating: 24V (AC/DC) 0.1A (resistive load)
4. L/C(LED control) input
   - Alarm LED lighting is controlled on the side of the input voltage (—)
5. Vacant

[DETECTION AREA (Unit: ft(m))]

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[PIR-50NE] (Vertical curtain protection)

[EXTERNAL DIMENSIONS (Unit: inch(mm))]

Please Note: This sensor is designed to detect intrusion and to initiate an alarm; it is not a burglary or a crime preventing device.
TAKEX is not responsible for damage, injury or losses caused by accident, theft, Acts of God (including inductive surge by lighting), abuse, misuse, abnormal usage, faulty installation or improper maintenance.

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