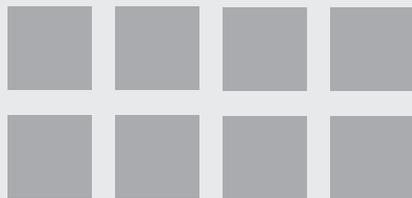**Visonic**

From Tyco Security Products

TOWER-30AM PG2
PowerG Wireless Mirror PIR Motion Detector

Features and Benefits that makes a Difference:

- Ideal for commercial and residential applications

- Complies with EN 50131-2-2 Grade 3 Standard

- Compatible with PowerMaster systems

- Uses revolutionary PowerG technology to deliver outstanding reliability, robustness and efficiency

- Market-leading mirror optics offer exceptionally high detection sensitivity and immunity to false alarms

- Vandal-resistant design – Enabled by patented V-Slot technology

- Unprecedented, active anti-masking (AM) protection technology

- Pet-tolerant model – Immune to animals up to 40kg (90lb)

High-performance Mirror Detector for the PowerMaster Family

The TOWER-30AM PG2 PIR Detector comprehensively answers the need of commercial and residential applications for outstanding detection with minimum false alarms, even in the most challenging conditions. Using the advanced detection technologies of the TOWER family with Visonic's PowerG full two-way, wireless technology, the TOWER-30AM PG2 provides unmatchable reliability, robustness to interference, prolonged battery life, extended range and effortless installation. In addition, this detector complies with EN Grade 3 requirements.

Advanced Detection Technologies

- **Combination of elliptical-parabolic mirror optics –** Innovative technology creates an exceptionally efficient mirror with extremely high optical gain, delivering longer range and providing excellent detection sensitivity.

- **Digital temperature compensation –** The detection sensitivity continuously adjusts according to the ambient temperature. It improves the detection of intruders even when the ambient temperature is close to human body temperature.

- **Obsidian Black Mirror technology –** Unique, nickel-based, obsidian-like, reflective surface acts as a selective optical filter of infrared energy. It virtually eliminates white light interference and increases detection sensitivity.

- **Extended detection area –** Unique optics enable extended 15m / 90° range. This provides wall creep zone coverage with no dead spots. The pet-tolerant model prevents false alarms caused by house pets.

Robustness and Reliability

- **Frequency hopping –** PowerG technology enables hopping between frequency bands, for high resistance to almost any radio frequency interference. It also enables long distance communication with the panel even in harsh security environments.

- **Unprecedented, anti-masking protection –** Active IR anti-masking technology with anti-spray grooves produces a diffractive IR beam pattern for virtually unbeatable defense against any view-blocking obstacles and even spray or lacquer.

- Front and back tamper

- **V-Slot technology –** A revolutionary, exceptionally small and recessed slot window is extremely strong and well protected against mechanical damage and vandalism.

Installer-friendly

- **Built-in link status LED –** The RF link quality is clearly displayed by a built-in LED, for selecting the optimal installation location without having to physically approach the control panel.

- **Remote configuration –** All parameters can be pre-enrolled, configured from the panel or from the central station without hardware switches or the need to re-open the detector.

- **Remote maintenance –** The TOWER-30AM PG2 can be accessed from a central monitoring station, enabling remote diagnostics and activation of walk tests. This saves truck rolls to customer sites.

- **Prolonged battery life –** Based on the very low power consumption of PowerG technology, the TOWER-30AM PG2 can operate on a single battery for up to 8 years (6 years if anti-masking is active).
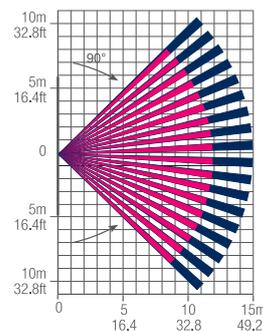
Specifications

Operating frequencies . 433-434, 868-869, 912-9195MHz

Coverage . . . . .15m (50ft) / 90° with creep zone

Battery type . . . . .3V lithium CR-123A or 17450

Battery life . . . . .8 years with typical use

Mounting height . . . . .1.8 to 3m (6 -10ft)

RF/Radio technology. . . . . .PowerG

Dimensions . . . . 115 x 60 x 48mm
(4.5 x 2.3 x 1.1in)

Weight (with battery) 90g (3oz)

Operating temperature . . . .-10° - 50°C
(14° - 122°F)

Tamper protection . . . . Front cover and back

Compliance . . . . EN 50131-2-2 (Europe) Grade 3,
Class II CFR 47 Part 15,
FCC (USA),
IC Canada

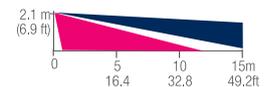Optional accessories . . . .Wall, corner and ceiling brackets
(BR-1, BR-2, BR-3)

Pattern

TOWER-30AM wide angle

Top view

Side view

Approvals

CE FC