



Overview

The internal WPIR-CAM is a 2-way wireless motion detector featuring a high-quality CMOS color camera. It offers an ideal solution for visually verifying alarm events during intrusions on your premises.

When your control panel is armed and the PIR sensor detects movement, it sends an alert to the control panel. The images captured by the camera are then transmitted to the monitoring station and/or displayed in the end-user's smartphone application.

The WPIR-CAM features a built-in white LED ensuring clear images even in low-light conditions.

The CMOS camera can be configured to deliver black-and-white or full-color images, with selectable resolutions in either VGA or QVGA.

TECHNICAL INFORMATION

FUNCTIONAL

Detection Method	Pet Immune PIR detection and CMOS camera
Frequency Band	2 way wireless, 868-869MHz
PIR Coverage	12m
Event Transmission	Alarm, Tamper, Supervision, Low Bat
Tamper Switch	Detector Opening and Wall Removal
Communication Range in Open Space	up to 1300m
Camera	CMOS camera with VGA or QVGA resolution
Picture Mode	Configurable B&W / Color
Resolution	Configurable VGA / QVGA

Key Features

- ✓ Pet immune passive IR detection element
- ✓ Detection range of 12m
- ✓ 110 degrees factory-mounted lens
- ✓ CMOS camera with selectable VGA or QVGA resolution
- ✓ White LED flashes for operating in dark conditions
- ✓ Communication range up to 1300m open space
- ✓ Easy/Fast installation



TECHNICAL INFORMATION

ELECTRICAL

Current Consumptions	Standby mode ~40 µA Receive mode ~10 mA Transmit mode ~45 mA
Power	2 x 1.5V AA
Battery Life	Up to 5 years
Low Battery	2.8V (Cut off at 2.5V)
Transmit Power	Up to 14 dBm

MECHANICAL/ENVIRONMENTAL

Mounting Height	2.1 to 2.3 m
Operating Temperature	-10°C to +55°C
Dimensions	132mm x 50mm x 60mm
Weight	120g

ORDERING INFORMATION

Art. Nr.	Description
V54552-F110-A100	WPIR-CAM Wrls. PIRCAM internal

