

PH-818HW

Wireless PIR Motion Sensor with Heartbeat Function

*110° detection, 100m range — stays connected
— heartbeat monitoring & app alert when offline*



The Patrol Hawk PH-818HW is a 433MHz wireless PIR motion sensor featuring an intelligent heartbeat function that sends a status signal to the host every 2 hours. If no signal is received for 24 hours, the Vcare app triggers an offline alert — ensuring you always know your sensor is active. With 110° detection angle, 8–12m detection range, and 100m+ transmission reach, it provides reliable wide-area motion coverage for homes, offices, and commercial premises.

KEY FEATURES

- ✓ **Heartbeat Monitoring** — sends a status ping to the host every 2 hours — auto triggers offline alert in app if disconnected for 24 hours
- ✓ **110° Wide Detection** — broad coverage angle detects motion across entire rooms, corridors, and entry points with no blind spots
- ✓ **8–12m Detection Range** — effective detection distance covers standard rooms, large halls, and warehouse aisles from a single unit
- ✓ **100m+ Transmission Range** — 433MHz signal reaches $\geq 100m$ in open areas, ensuring stable connection to the Vcare-10 gateway
- ✓ **1-Year Battery Life** — runs on 2×AAA batteries for approximately 1 year — low battery alert notifies before failure
- ✓ **App-Based Alerts** — real-time push notifications for offline status and low battery via the free Vcare mobile app

APPLICATIONS

- Homes & Residential Apartments
- Corporate Offices & Open-Plan Spaces
- Retail Stores & Showrooms
- Banks & Branch Security Zones
- Hotels & Service Corridors
- Warehouses & Industrial Sites

TECHNICAL SPECIFICATIONS

Model	PH-818HW	Type	Wireless PIR Motion Sensor
Operating Frequency	433MHz	Detection Distance	8–12 metres
Detection Angle	110°	Transmit Distance	$\geq 100m$ (open area)
Heartbeat Signal	Every 2 hours	Offline Alert	After 24 hrs no signal
Alert Type	App (offline & low battery)	Battery	2×AAA
Battery Life	~1 year	Low Battery Alert	Yes — via Vcare app
Compatibility	Vcare-10 & 433MHz systems	Housing Material	ABS Plastic
Certifications	CE, FCC, RoHS	Warranty	24 Months

CERTIFICATIONS

CE

FCC

RoHS

PATROL HAWK

The professional manufacturer of alarm system, since 2003

AUTHORIZED DISTRIBUTOR

DIGI-MARK SOLUTION

Authorized Bangladesh Partner
www.digimarkbd.com

CONTACT

info@digimarkbd.com
+880 1979-234342
Rahmania Int'l Complex, 28/1/C
Toyenbee Circular Road, Motijheel
Dhaka-1000, Bangladesh