

PH-818ZD

Wireless Vibration Detector

Detects impact, break-in & tamper attempts instantly — 100m range, 2-year battery, heartbeat monitoring



The Patrol Hawk PH-818ZD is a 433MHz wireless vibration detector that senses impact, shock, and tampering on doors, windows, walls, safes, and ATMs. Its heartbeat function sends a status ping to the host every 2 hours — triggering an offline alert in the Vcare app if no signal is received within 24 hours. With $\geq 100m$ transmission range, 2-year battery life, and adhesive wall-mount installation, it adds a critical physical-force detection layer to any Vcare-10 alarm deployment.

KEY FEATURES

- ✓ **Vibration & Impact Detection** — senses physical shock, forced entry, and tampering on any mounted surface — glass, wall, door, or safe
- ✓ **Heartbeat Monitoring** — auto-signals host every 2 hours — offline alert triggered in app after 24 hrs of no signal
- ✓ **Instant App Alert** — real-time push notification sent to Vcare app the moment vibration is detected
- ✓ **100m+ Wireless Range** — 433MHz signal reaches $\geq 100m$ in open areas for stable connection to the Vcare-10 gateway
- ✓ **2-Year Battery Life** — powered by 2×AAA batteries for up to 2 years — proactive low battery alert before power fails
- ✓ **LED Status Indicator** — onboard LED confirms connectivity and battery status at a glance — no app needed for quick checks

APPLICATIONS

- Glass Windows & Glass Doors
- ATM Machines & Bank Safes
- Retail Display Cases & Showcases
- Server Racks & Equipment Cabinets
- Exterior Walls & Fences
- Vehicles & Storage Containers

TECHNICAL SPECIFICATIONS

Model	PH-818ZD	Product Type	Wireless Vibration Detector
Detection Type	Vibration / Impact / Shock	Operating Frequency	433MHz
Transmission Range	$\geq 100m$ (open area)	Heartbeat Signal	Every 2 hours
Offline Alert	After 24 hrs no signal	Battery	2×AAA
Battery Life	Approx. 2 years	Low Battery Alert	Yes — via Vcare app
Status Indicator	LED (battery & connectivity)	Installation	Adhesive sticker, wall mount
App Compatibility	Vcare iOS & Android	Certifications	CE, FCC, RoHS
Warranty	24 Months	Package Contents	Sensor + Sticker + 2×AAA

CERTIFICATIONS



PATROL HAWK

The professional manufacturer of alarm system, since 2003

AUTHORIZED DISTRIBUTOR

DIGI-MARK SOLUTION
Authorized Bangladesh Partner
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