

PH-WRQ

Wireless CH4 Methane Gas Detector

High-sensitivity natural gas leak detection — instant app alert
— heartbeat monitoring, AC-powered, always online



The Patrol Hawk PH-WRQ is a 433MHz wireless CH4 methane gas detector that continuously monitors for natural gas leaks and instantly alerts both the Vcare app and connected alarm gateway when dangerous concentrations are detected. Powered directly from AC 110–240V mains, it requires no batteries and stays always-on. Its heartbeat function sends a health signal every 2 hours — triggering an offline alert after 24 hours of no signal — ensuring the sensor is always confirmed active in your safety network.

KEY FEATURES

- ✓ **CH4 Methane Detection** — high-sensitivity sensor detects natural gas (methane) leaks instantly — alerts before dangerous accumulation
- ✓ **Always-On AC Power** — mains-powered via AC 110–240V — no batteries, no replacements, 24/7 continuous protection
- ✓ **Heartbeat Monitoring** — auto-sends status signal every 2 hours — offline alert triggered in app after 24 hrs of no signal
- ✓ **Real-Time App Alerts** — instant push notification to Vcare app on gas detection — monitor live status from anywhere
- ✓ **100m+ Wireless Range** — 433MHz RF signal reaches $\geq 100m$ in open areas for reliable connection to the alarm gateway
- ✓ **Tool-Free Installation** — adhesive sticker mount allows wall or ceiling placement without drilling — setup in minutes

APPLICATIONS

- Residential Kitchens & Cooking Areas
- Restaurants & Commercial Kitchens
- Gas Meter Rooms & Utility Spaces
- Hotels & Serviced Apartments
- Factories & Industrial Premises
- Hospitals & Institutional Buildings

TECHNICAL SPECIFICATIONS

Model	PH-WRQ	Product Type	Wireless Gas Detector
Gas Type Detected	CH4 (Methane / Natural Gas)	Operating Frequency	433MHz
Transmission Range	$\geq 100m$ (open area)	Power Input	AC 110–240V
Current Draw	10–20 mA	Heartbeat Signal	Every 2 hours
Offline Alert	After 24 hrs no signal	Alert Method	App push notification
App Support	Real-time monitoring & alerts	Installation	Wall / Ceiling (sticker, tool-free)
Certifications	CE, FCC, RoHS	Warranty	24 Months
Package Contents	1× Gas Sensor + 1× Sticker		

CERTIFICATIONS

CE

FCC

RoHS

PATROL HAWK

The professional manufacturer of alarm system, since 2003

AUTHORIZED DISTRIBUTOR

DIGI-MARK SOLUTION

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