Application Scenarios ◇◇◇◇◇◇×××◇◇◇

Security

Municipal Service

Logistics

Construction

Industrial Manufacturing

Transportation

Hytera

P5 Series PoC Radio

Where Reliability Meets Simplicity

Specifications ◇◇◇◇◇◇×××◇◇◇

Model	P50 Pro	P50
Memory	RAM (2 GB), ROM (32 GB)	RAM (1 GB), ROM (8 GB)
Weight	208g	190g
NFC	Available	/
Camera	8 MP, 1080p@30fps	/
Sensor	Optical distance sensor, Gravity sensor	/
Numeric Keypad	Available	/
Frequency Range	**EU version** GSM: 850/900/1800/1900 WCDMA: B1/B3/B5/B8 LTE TDD: B34/B38/B39/B40/B41 LTE FDD: B1/B3/B5/B7/B8/B18/B19/B20/B26/B28 **US version** GSM: 850/900/1800/1900 WCDMA: B2/B4/B5 LTE TDD: B38/B41 LTE FDD: B2/B3/B4/B5/B7/B12/B13/B17/B26/B28	
Core Frequency	2.0GHz	
Operating System	Android 12	
Dimensions (H x W x D)	131 mm x 61 mm x 23.5 mm	
Screen	2.4-inch color LCD screen, 320 x 240 pixels	
Location	GPS/BDS/GLONASS/Galileo BDS only (optional)	
WLAN	WLAN 5 802.11 (2.4G/5G) ac/a/b/g/n	
Speaker Power	2 W (rated), 3 W (max.)	
Battery	4,000 mAh	
Interface	9-pin audio connector, USB Type-C	
Card Slot	Nano SIM card slot x 1, TF card slot x 1	
Operating Temperatu	−20℃ to + 60℃	
Storage Temperature re	−30℃ to + 70℃	
ESD	IEC 61000-4-2, (ESD) ±12 kV (Air), ±8 kV (Contact)	
IP Rating	IP68	
Drop Resistance	1.5 m	
Certificate	CE	
Man Down	Support[1]	
Lone Worker	Support[2]	
MIL-STD 810H	Support	

[1] P50 Pro Only
[1&2] Available with the Hytera Hytalk Platform.

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Stock Code: 002583.SZ

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Https://www.hytera.com   **marketing@hytera.com**

Accessories ● Standard ● Optional

● Battery

● Data Cable

● Adapter

● Belt Clip

● Wired Earpiece

● Remote Speaker Microphone

● Wireless Remote Speaker Microphone

● Charger
(Coming soon)

● Multi-unit Charger
(Coming soon)

● Wireless Earpiece
(Coming soon)

P50

P50 Pro

www.hytera.com

Overview

The Hytera P5 Series is a powerful PoC radio that leverages push-to-talk (PTT) over cellular networks, providing nationwide coverage and enhanced communication efficiency. By combining exceptional PTT performance with advanced data capabilities, it empowers professionals in security, logistics, transportation, and urban management to communicate effectively and collaborate seamlessly.

Ruggedized Connector & Port

Feature a 9-pin audio connector with a screw-in design to securely attach the earpiece to the radio. The waterproof Type-C charging port, crafted from high-strength alloy, ensures durability for long-term use.

Always Connected

Stay connected with the P5 Series, even in areas with weak signals. Its professional dual antenna design delivers excellent signal performance, ensuring seamless communication, for instance in B5 band with a TRP of 18.5 dBm and a TIS of -93.5 dBm.

Power for Longer Shifts

Equipped with a low-power, high-performance chip and a 4,000 mAh battery, the P5 Series offers up to 24 hours* of operation.
*Operating on a 10-10-80 duty cycle

4000 mAh

Superior Audio Quality

Ultra Loudness
Equipped with a 3W built-in speaker and a professional cavity design, it delivers a loudness of up to 103 dB at 30 cm, ensuring clarity in noisy environments.

Crystal Clarity
Advanced noise cancellation filters out surrounding sounds for clear communication, while howling suppression eliminates feedback when radios are close together, ensuring messages are transmitted without interruption.

High Fidelity
Utilizing wideband audio processing technology with a 16 kHz sampling rate and a frequency range of 20 Hz to 8 kHz, it reproduces sound naturally for enhanced clarity and understanding.

Work Jointly in Seconds

With Quick Group*, the P5 Series enables you to create or join a group instantly, saving time and enhancing teamwork.
*Optional

Clone Your Radio, Simply and Swiftly

With Radio Clone*, the P5 Series allows for quick configuration cloning from one radio to multiple radios via WiFi.
*Optional

Interact with Info Intuitively

The large 2.4-inch color screen features a full-view display* with an intuitive UI, allowing for flexible shoulder and waist wearing. This design enables quick access to key information at a glance.
*P50 Pro only

Rotate. Hear. Well done!

The group switch knob enables quick group switching. Paired with Voice Notification*, the P5 Series informs you of the group you've switched to, helping you stay focused on your tasks.
*Coming soon

All data is from lab testing; actual results may vary based on environmental conditions.