

Push-To-Talk Over Cellular Radio

PNC380

Instant Communication

Unlimited Possibilities

- Smoother communication
- Loud and clear audio
- Data-rich multimedia services
- All-day battery
- Precise positioning
- Open platform
- Rugged and durable





Overview

Hytera PNC380 Push-to-Talk over Cellular (PoC) radio leverages the best of radio and the benefits of smartphone, delivering instant PTT service and data-rich multimedia such as texts, images, and videos over the 2G, 3G, 4G, or WLAN network. It helps keep your mobile workforce connected anywhere and anytime.

The PNC380 provides you with reliable video streaming and fast precise positioning. It also features long battery life, loud and clear audio, and ruggedness. With these advantages, the PNC380 is the perfect companion for those engaged in urban management, property management, and logistics.

Highlights



Smoother communication

The PNC380 is fitted with the high-performance external antenna which enhances the TX power by 2.5 dB. This makes you enjoy ultra-reliable and smoother communication even in weak signal environments such as suburb, indoor, or underground.



Loud and clear audio

The built-in 2-watt speaker comes with howling suppression and dual-microphone noise cancellation technology, which enables the PNC380 to transmit loud and clear audio even in a crowded stadium or bustling street. No feedback howling occurs as long as two radios are at least 3 meters away from each other.



Data-rich multimedia services

With the 5 MP rear camera, the PNC380 can capture the video or picture in the field, and then feed it to the command and dispatch center over the 4G network. This facilitates decision-making and improves work efficiency greatly.



All-day battery

The 4,000 mAh high-capacity battery offers over 24 hours of talk and standby time on a 5-5-90 duty cycle. The removable battery enables the PNC380 to work for even longer hours.



Precise positioning

With various combinations of GPS, BDS, and GLONASS and the advanced positioning algorithm adopted, the PNC380 provides fast positioning services over public or PMR network, indoor or outdoor. This helps you track your people and devices easily and facilitates efficient dispatch.



Open platform

Featuring the universal and open Android operating system as well as open application program interface (API), the PNC380 can be compatible with various third-party apps and personalized apps on the market.



Rugged and durable

Certificated with IP67 rating, the PNC380 is fully protected from dust and water. The PNC380 also withstands a sudden drop up to 1.2 meters. Besides, it can always provide reliable and smooth communications in the ambient temperature from -20°C to 60°C .

Application Scenarios



Police



Property management



Logistics



Supermarkets



Industrial parks



Hotels

Specifications

Network		
Frequency Band	Asia,Europe,Middle East and Africa: GSM: 850/900/1800/1900 CDMA: BC0 TD-SCDMA: B34/B39 WCDMA: B1/B3/B5/B8 TDD-LTE: B38/B39/B40/B41 (2555~2655MHz) FDD-LTE: B1/B3/B5/B7/B8/B20/B26/B28	America: GSM:850/900/1800/1900 WCDMA:B2/B4/B5 LTE TDD:B38/ B41 (2496~2690MHz) LTE-FDD:B2/B3/B4/B5/B7/B12/B13/B17/B26/B28
General		
Operating System	Android 7.1	
Memory	1GB RAM + 8GB ROM	
TF Card	32GB	
Dimensions (H x W x D)	145mm*60mm*26.1mm	
Weight	About 208 g	
Screen Size	2.0 inches	
Screen Resolution	320 x 240	
SIM Card	1 Nano-SIM	
Positioning	GPS/BDS/GLONASS/A-GPS	
WLAN	2.4 GHz&5 GHz, 802.11 b/g/n	
BT	BT 4.1	
NFC	Available (Optional)	
Interface	Micro-USB 2.0, 3.5 mm	
Battery Capacity	4,000 mAh	
Charging Mode	Micro-USB 2.0	
Speaker Power	≤ 2 W	
Camera	5 MP	
Flash	Available	
Video Resolution	720p@30fps	
Video Format	MP4, 3GP	
Video Coding Format	VP8, H.264 (BP/MP/HP), MPEG-4 (SP/ASP), H.263 (HEVC)	
Photo Format	JPG, PNG	
Environment		
Operating Temperature	-20°C to +60°C	
Storage Temperature	-30°C to +70°C	
ESD	IEC 61000-4-2,(ESD)± 12 kV (Air); ±8 kV (Contact)	
Ingress Protection	IP67	
Drop-proof	1.2m	
Certification		
Certification	CE/FCC/IC	

Accessories

Standard ☐

Optional ☐



Li-ion Polymer Battery



Data Cable



Strap



Belt Clip



Power Adapter



Wired Earpiece



BT Earpiece



Wireless PTT



Wireless Remote
Speaker Microphone



Charger



Multi-Unit Charger



Caelus Wireless Pty Ltd

Address: 2/9 Allgas St, Slacks Creek QLD 4127