



PNC660

MISSION CRITICAL RUGGEDIZED DEVICE

Mission First ✕ **Safety Always**



Overview

The PNC660 features advanced hardware and top-tier security for reliable 5G communication. Equipped with a CC EAL-compliant security chip and comprehensive protection. Conforming to the 3GPP R15 standard, the PNC660 delivers high reliability for critical missions. Its intuitive design, integrated with industry applications, enhances efficiency and usability.

Secure Key

One-Click Safety
Mode On

Smart Key

Programmable
Features

Triple-Camera

13 MP (front),
50 MP (rear),
8 MP (rear)

PTT Key

Prominent &
Color-highlighted

IP68 & 1.5m Drop Resistance

Durability

Dual Type-C & DP Interface

Scalability

eSIM & Dual Nano SIMs

Enhanced Connectivity

Ergonomic design

Comfy to Operate

Intuitive

User Interface

UI widget

MCS(3GPP R15)

Reliable Communication
for Critical Operations

6.3-inch Screen

Operable with Gloves
and Wet Hands

Dual-Mic & Speaker

102dB@5cm & AI Noise Cancellation



Powerful Core, Boundless Communication

MCX

Mission-Critical Services

Supports QCI65/66/67/69/70, EMBMS & MSP 40ms for enhanced reliability & ultra-low latency.



Triple Cameras

Exceptional Image

Front 13MP and rear 50MP+8MP with 4K video encoding & decoding. Image stabilization algorithm & super night mode.



33W QC4.0

Long Battery Life & Fast Charging

5000mAh battery with 33W QC4.0 fast-charging fully recharges in just 90-min*. Up to 34 hours of standby under the 10-10-80 working cycle.

Dual Type-C

Enhanced Expandability

Dual Type-C ports with DP 1.4 support enable 4K@60Hz video output & accessory integration.



Secure and Reliable, Mission Accomplished

Data

🛡 Data Security

- Multi-point tamper protection
- Dedicated security chip (Strongbox)
- Dual-domain isolation
- Application sandboxing
- Biometric ID: fingerprint and face.

Communication

🔒 Communication Security*

- End-to-end encryption
- VoLTE public network voice encryption
- Dual-encryption for public network & PoC calls.

*is projected to be delivered by the end of June.

Personnel

💎 Mission Safety

- Man Down
- Lone Worker
- Covert Mode
- Confidential Mode.

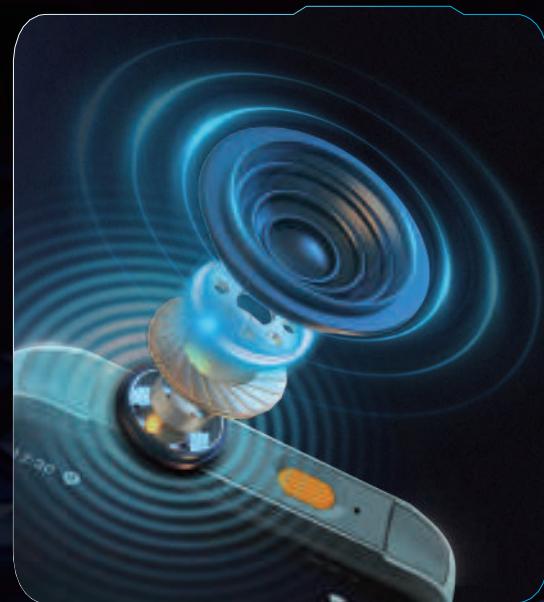


Hear Clearly, Deliver Precisely

Dual Speakers

🔊 Loud and Powerful

Dual 3W speakers reaching up to 102dB at 5cm.
AI-powered audio algorithm & SK audio optimization.



16K

🔊 Crystal Clear Audio

AI noise reduction technology.
Wideband HD voice with a 16K sampling rate.

Hi-Fi

🔊 Authentic Voice Quality

Hi-Fi audio system.
Surround stereo sound.

Smart Applications, Professional Platform

Android 14

🔗 Open Platform

supports various communication platforms.

Intuitive

👉 User-Friendly Operation

Intuitive interface with customizable settings.
Voice assistant & Intelligent translation features.

Smart Management

💡 Intelligent

Mobile Device Management (MDM) compatible.

Hybrid positioning

📍 Precise

GPS dual-frequency, Hybrid positioning modes.

Application Scenarios



Public Safety



Municipal Service



Railway



Airport



Energy

Specifications

Frequency Band	
2G:	850/900/1800/1900
WCDMA:	B1/B2/B4/B5/B8
LTE-FDD:	B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B26/B28 (Full Band) /B66/B68/B71
LTE-TDD:	B34/B38/B39/B40/B41(2496~2690MHz) /B42/B43/B48
NR:	N1/N2/N3/N5/N7/N8/N12/N20/N28/N38/N40/N41/N48/N66/N71/N77/N78/N79
HPUE:	B41/B42/N41/N78/N79
4*4 MIMO:	N41/N77/N78/N79
NR 2T4R:	N41/N77/N78/N79
Hardware	
Operating System	Android 14
AI Performance	~12.15INT8 TOPS
Memory	RAM: 8GB, ROM:128GB/256GB
Dimensions (H x W x D)	166.6mm x 77.6mm x 14.3mm
Weight	280g
Screen Size	6.3inch FHD 1080x2340 Corning Gorilla Glass 5
Cameras	Front: 13MP, Rear: 50 MP and 8 MP
Flashlight	Available
Battery	5,000 mAh
Charging	USB Type-C Charge
Card Slot	Nano*2, Supports eSIM
Motor	Available
Speaker	3W Dual Speakers
WLAN	6E, Support 802.11 a/b/g/n/ac/ax, 2.4GHz+5GHz+6GHz
Sensor	Fingerprint Recognition, Gravity Accelerometer, Gyroscope, Magnetometer, Proximity Sensor, Ambient Light Sensor, Barometer
Positioning	GPS/BDS/GLONASS/GALILEO/A-GPS
NFC	Available
Video Resolution	Encode 4k 30fps, Decode 4k 60fps
Display Port	Supports DP1.4
Interfaces	Bottom Type-C 3.1 Gen2 & Side Type-C interface
Front Indicator Light	Supports (one light with red, green, and blue colors)
Environment	
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C
Environmental Compliance	RoHS/REACH
ESD	IEC 61000-4-2, (ESD)±12 kV (Air); ±8 kV (Contact)
Ingress Protection	IP68
Drop-proof	1.5m
Certification	
Certification	CE/GMS/IP68/MIL-STD 810H /E112
Others	
Tamper-proof Self-destruction	Supports (designed with anti-disassembly points, encryption chip stores key data; unauthorized disassembly clears security chip key data)

Accessories

• Standard

Tempered Glass



Data Cable



33W Adapter



Battery



Wired Earpiece



Wired Remote Speaker Microphone



Wireless Earpiece



Protective Cover with Strap



Protective Cover with Belt Clip



Backup Rear Cover



Charger



Wireless PTT



Wireless Remote Speaker Microphone



Hytera Communications Corporation Limited

Stock Code: 002583.SZ

Address: Hytera Tower, Shenzhen Hi-Tech Industrial Park North,

Beihuan RD.9108#, Nanshan District, Shenzhen, P.R.C.

Tel: +86-755-2697 2999 Fax: +86-755-8613 7139 Post: 518057

[Https://www.hytera.com](https://www.hytera.com) marketing@hytera.com



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