PNC560
XSECURE RUGGED DEVICE

FOCUS ON YOUR MISSION

5G | IP68

Hytera

12:08
Wednesday, April 8

Swipe up to unlock

www.hytera.com

5 PNC560 XSECURE RUGGED DEVICE

TRIPLE CAMERAS
· 8M front camera
· Wide-angle rear camera
· Telephoto rear camera

5,040 mAh DETACHABLE BATTERY
· Detachable battery, longer working time
· Desktop charger + 18W QC, easy & fast battery charging

DUAL 5G ACCESS
· Lightning-fast speed

DEDICATED, LARGE PTT BUTTON
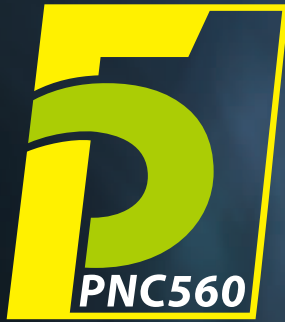· Instant communication

TOUGH BODY
· IP68 water proof, dust proof
· 1.5m drop-proof
· MIL-STD-810H

6.3-INCH 1080P TOUCHSCREEN
· Dewdrop full screen
· Outdoor glove operation

THE BEST OF TWO WORLDS

PNC560

The PNC560 gives you the best of two worlds—a professional PTT radio and a hardened productivity smartphone . Performing as an instant communication device, it offers you mission-critical push-to-talk (MCPTT) over 5G network with super-fast speed and low latency, supporting team communication & collaboration with a simple key press . Performing as a productivity-boosting tool, through the industry-leading design & specification, it secures the reliable and efficient operations for various field applications, works as the most productive partner for the mission accomplishment.

DESIGNED FOR MISSION-CRITICAL COMMUNICATION

3GPP MCX SERVICES

- Dedicated 3GPP MCX service QCIs
- 40ms short MSP for eMBMS service
- Compliant with latest 3GPP MCX features by HyTalk MC platform
- Open API for 3rd-party MCX APP adaption
- Best support on 3GPP MCX services from Hytera

Guaranteed User Experience

- Dedicated PTT & SOS button, instant communication and alarm reporting
- Hytera AI-based Noise Cancellation technology
- 3W ultra linear dual-speaker, intelligent power amplifier
- Guaranteed loud and clear audio performance
- 5G + 3 high-resolution cameras ensure clear video streaming services.

Rugged & Robust

- IP68 water proof, dust proof
- MIL-STD-810H
- 1.5m drop resist
- Detachable high capacity battery

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ALL ABOUT PRODUCTIVITY AND EFFICIENCY

ANDROID 12 ECOSYSTEM

• Latest android OS brings more security, more efficiency and more productivity.

6.3-INCH FHD FULL-SCREEN

• More information to receive, more operations to perform, more orders to command.
• Outdoor operation friendly, support glove / wet-hand operation.

6.3 inch

1080P

POWERFUL SPECIFICATION

- QualComm 8-core platform, stable & smooth multi-task operations under most complicated business scenarios.
- BT 5.0 / NFC / Dual-band WiFi / Dual-band GNSS / IR sensor, seamless integration with field facilities.

3 HIGH-RESOLUTION CAMERAS

- Separate telephoto lens and wide-angle lens, covering different field scenarios.
- Low-light photography, and high dynamic range, clear image at night.
- Innovative lens stabilization algorithm, clear image during moving.

Barcode Scanner*

- Special version assembled with dedicated barcode scanner.
- APP + Scanning all in one, significant efficiency improving.

*This feature is optional.

EXTREAM SECURE, INSIDE AND OUT

5
PNC560

The PNC560 is an ultra-secure device designed for professionals who need utmost data security protection. It employs a multi-layer security mechanism integrated in both hardware and software design to provide comprehensive & adequate data protection on the device.

SW TAMPER-PROOF

Secure boot and Android FBE (File-Based Encryption), no unauthorized system access or modification.

SAFEBOX

Provide a secure space to encrypt your videos, pictures, or other files. Authentication is required on every access.

HW TAMPER-PROOF

Smart detection on unauthorized hardware disassembling, automatic system restore & user data cleaning once detected, provides utmost system and data protection.

SMART MDM

Manage and monitor all devices in the organization to protect data security. The Smart MDM is used to remotely control application installation and uninstallation by blacklist or whitelist, change the password, lock the screen, kill or revive the device, erase data, restore the factory settings, and more.

Forced disassembly, data clearing

*The PNC560 provides you more solutions for privacy and data protection, including Qualcomm TrustZone, TF card encryption, and full disk encryption (FDE).
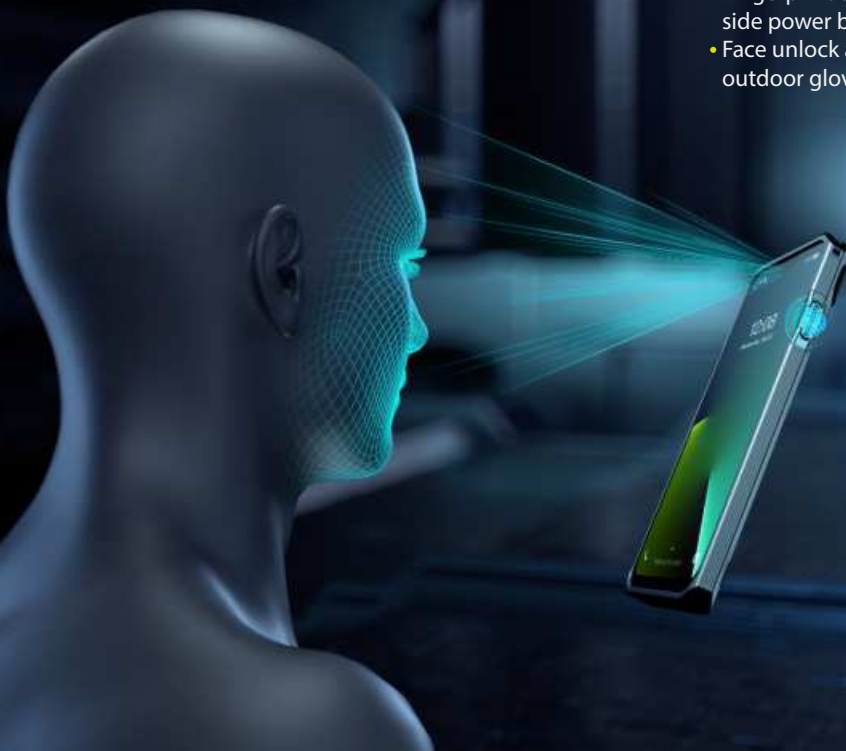
![PNC560 logo] **XSECURE RUGGED DEVICE**

DUAL DOMAINS

Isolation between business data and personal data, harmonize business security and personal privacy, one device for two roles.

BIOMETRIC ID

- Fingerprint unlock and authentication, integrated with side power button, one step to use. easy & secure.
- Face unlock and authentication, fast security check for outdoor glove operations.

SPECIFICATIONS

Frequency Band	
Broadband Network	GSM: 850/900/1800/1900 WCDMA: B1/B2/B4/B5/B8 LTE-TDD:B38/B39/B40/B41/B42/B43/B48 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B26/B28 5G: N1/N2/N3/N5/N20/N28/N41/N66/N71/N78

Hardware	
Operating System	Android 12
Storage	RAM: 4 GB, ROM: 64 GB / RAM: 6 GB, ROM: 128 GB Micro SD: 256 GB (Max)
Dimensions (H x W x D)	166.6 mm x 77.1 mm x 13 mm
Weight	About 270 g
Screen Size	6.3 inches
Screen Resolution	2340 x 1080
Cameras	Front:8MP, Rear:48MP*+8MP
Flashlight	Available
Battery	5,040 mAh (typical)
Charging	USB Type C; Charger
Card Slot	2 x Nano SIM, 1 x Micro SD
Motor	Available
Speaker	≤ 3 W (two speakers)
WLAN	2.4&5 GHz 802.11a/b/g/n/ac
Sensor	Fingerprint sensor, acceleration sensor, gyroscope, geomagnetic sensor, infrared sensor, opto-sensor
Location	GPS/BDS/GLONASS/GALILEO/A-GPS
BT	BT 5.0
NFC	Available

Multimedia	
Video Resolution	1080p@30fps
Video File Format	MP4,3GP
Video Coding Format	P0, H.264, BP/MP/HP, SP/ASP, DivX 4x/5x/6x, VP9, MP
Photo File Format	JPG, GIF, BMP, PNG, WebP
Audio File Format	MP3
Audio Coding Format	aacPlus, eAAC; AMR-NB, AMR-WB, G.711, Windows Media Audio, (WMA) 9/10 Pro

Environment	
Operating Temperature	-20°C~+60°C
Storage Temperature	-30°C~+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	FCC/CE/IC

ACCESSORIES

● Power Adapter

● Data Cable

● Tempered Glass

● Charger CH20L19

● Li-ion Polymer Battery BP4901

● Wireless Remote Speaker Microphone SM27W2

● Wired Earpiece EHS24

● Wireless Ring PTT POA121

● BT Earpiece EHW08

● Standard
● Optional

APPLICATION SCENARIOS

Public safety

Utility

Airports

Industrial parks

Logistics

Railway