Hytera

PNC560

XSECURE RUGGED DEVICE

FOCUS ON YOUR MISSION



iF DESIGN AWARD 2022

www.hytera.com

PNC560

XSECURE RUGGED DEVICE



DEDICATED, LARGE PTT BUTTON

- Real-time communication

TOUGH BODY

- IP68 dust & water proof
- 1.5m drop resistant

6.3-INCH 1080P TOUCHSCREEN

- Dewdrop full screen
- Outdoor glove operation



5,040 mAh HIGH-CAPACITY BATTERY

- Detachable battery, longer working time
- Desktop charger + 18W QC3.0, easy & fast battery charging

TRIPLE CAMERAS

- 8MP front camera Wide-
- angle rear camera
- Telephoto rear camera

DUAL 5G ACCESS

- Lightning-fast speed

THE BEST OF TWO WORLDS

PNC560

The PNC560 gives you the best of two worlds—a professional PTT radio and a hardened productivity smartphone . It offers you mission-critical push-to-talk (MCPTT) over 5G/LTE 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 SERVICE

BEST TO DATE MC TERMINAL FROM HYTERA

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

Guaranteed User Experience

- Dedicated PTT key & alarm button, realize push-to-talk and alarm reporting on one press
- Hytera AI-based noise cancellation technology makes voice transmission crystal clear
- Dual 3W ultra linear speakers bring louder sound effect
- 5G + 3 high-resolution cameras ensure high definition video and high speed streaming
- Detachable high capacity battery and optional charger cater to user preferences

Rugged & Robust

- IP68 dust & water proof
- 1.5m drop resistant



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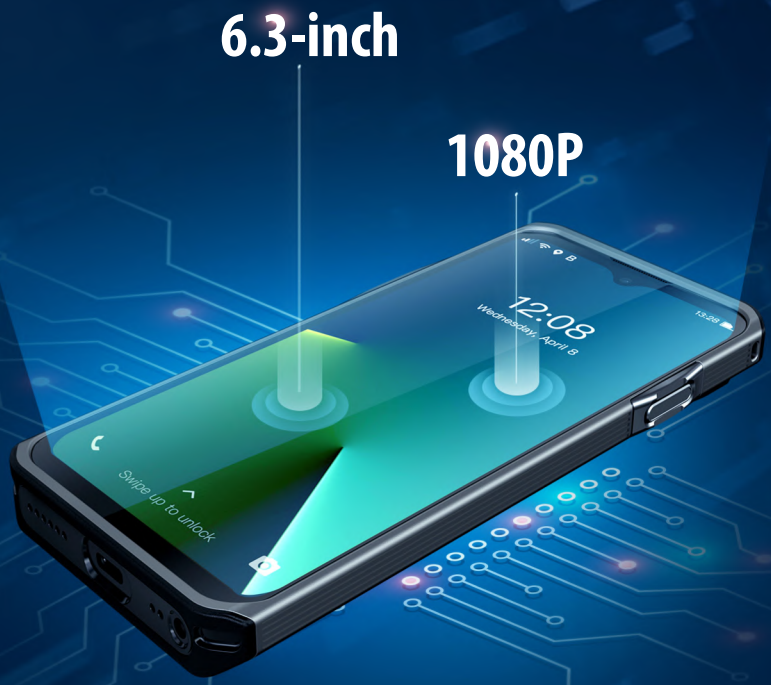
ALL ABOUT PRODUCTIVITY AND EFFICIENCY

ANDROID 12 ECOSYSTEM

- Latest Android OS brings more security, more efficiency and more productivity

6.3-INCH FHD+ FULL-SCREEN

- More information to display, more operations to perform, and more orders to command
- Outdoor operation friendly, support glove / wet-hand operation, clear view under strong light



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 HDR (High Dynamic Range) for clearer image at night or strong light-contrast environment
- Innovative lens stabilization algorithm reduces blurring associated with camera motion







EXTREME SECURE, INSIDE AND OUT

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, safe from virus/hacker attack

HW TAMPER-PROOF*

Smart detection on unauthorized hardware disassembling, automatic system restore & erasing user data once detected, prevents implantation of malicious hardware like tracker or tapping device, providing utmost system and data protection

SAFEBOX

Provide a secure space for your videos, pictures, or other files; authentication required on every access

SMART MDM, DEDICATED FOR YOUR ORGANIZATIONS

Hytera MDM platform provides: device remote monitor and management, security policy remote deployment, device function control and status monitoring, APP management and firmware upgrade, device remote kill or revive, data remote erasing on demand, etc, tailoring the most secured asset & data management for your organization



*The PNC560 provides you more solutions for privacy and data protection, including open API for Qualcomm TrustZone service, TF card encryption on demand.

*HW Tamper-proof is an optional hardware feature.

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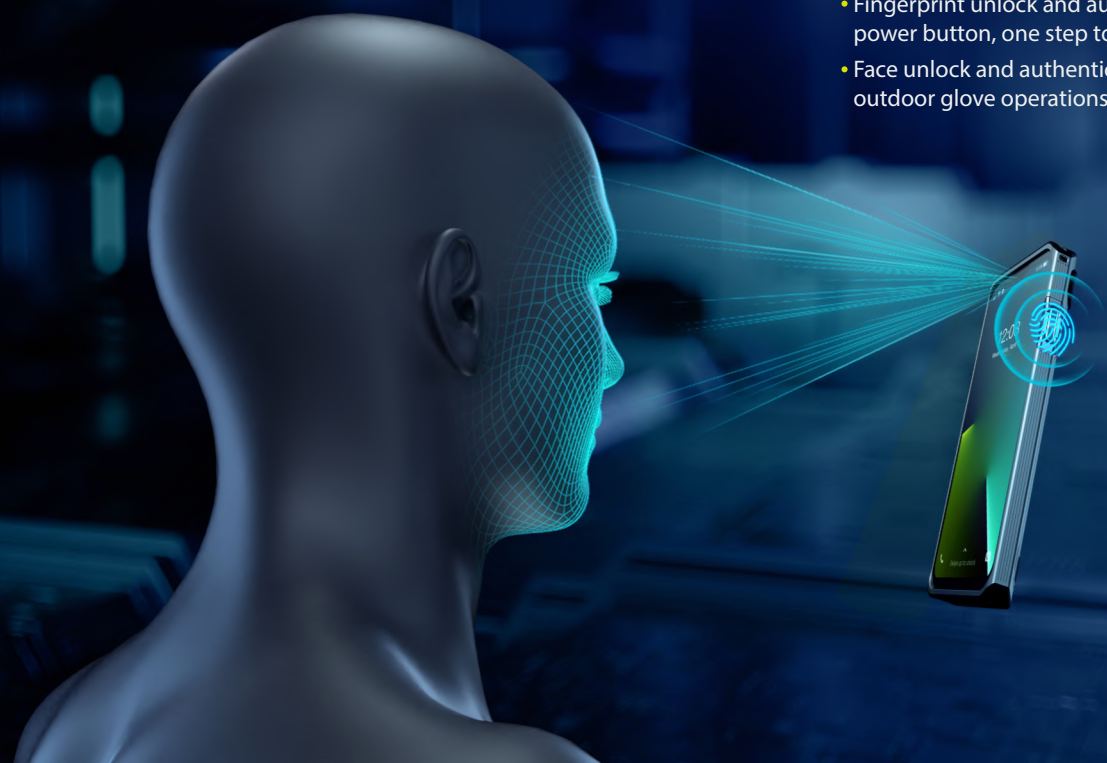
DUAL DOMAINS

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, simplified and secured
- Face unlock and authentication, fast security check for outdoor glove operations



SPECIFICATIONS

Frequency Band	
Broadband Network	5G: N1/N3/N20/N28/N41/N78 LTE-FDD: B1/B3/B7/B8/B20/B28 LTE-TDD: B38/B40/B41/B42/B43 WCDMA: B1/B8 GSM: 900/1800
Hardware	
Operating System	Android 12
Memory	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 x 77.1 x 13 mm
Weight	About 270 g (with standard battery)
Screen Size	6.3 inches
Screen Resolution	2340x1080
Cameras	Front: 8 MP, Rear: 48 MP*and 8 MP
Flashlight	Available
Battery	4,900 mAh
Charging	USB Type C; Charger
Card Slot	2 x Nano-SIM, 1 x Micro SD
Motor	Available
Speaker	3W dual speakers
WLAN	2.4&5 GHz 802.11a/b/g/n/ac
Sensor	Fingerprint, acceleration, gyroscope, geomagnetic, infrared sensor, opto-sensor
Positioning	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	ACC+, eAAC, AMR-NB, AMR-WB, G.711, Windows Media Audio, (WMA) 9/10 Pro
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	FCC/CE/IC/GMS

ACCESSORIES



● Li-ion Polymer Battery



● Data Cable



● Tempered Glass



● Power Adapter*



● Charger



● Wireless Remote Speaker Microphone



● Wired Earpiece



● Wireless Ring PTT



● BT Earpiece

● Standard
● Optional

*The adapter may vary according to different countries.



● Belt Clip (BC56)

APPLICATION SCENARIOS



Public safety



Utility



Airports



Healthcare



Industrial parks



Railway

Hytera
Respond & Achieve

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