Apex
Radio Systems Ltd.

Hytera

5 PNC560
XSECURE
RUGGED DEVICE

FOCUS ON YOUR MISSION

5G | IP68

FINGERPRINT

Hytera

12:08
Wednesday, April 8

Swipe up to unlock

iF DESIGN AWARD 2022

www.hytera-europe.com

XSECURE RUGGED DEVICE

PNC560

5

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

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

DUAL 5G ACCESS

- Lightning-fast speed

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5G / IP68

SCANNER

Hytera

THE BEST OF TWO WORLDS

PNC560

The PNC560 gives you the best of two worlds—a professional PTT over cellular radio and a hardened smartphone built for productivity. As an instant communication device, it offers you mission-critical push-to-talk (MCPTT) over 5G networks with super-fast speed and low latency, assisting in smooth team communication & collaboration with a simple key press. Performing as a productivity-boosting tool, through industry-leading design & specification, it ensures reliable and efficient operations for application in various fields, it's your most productive partner for 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 & alarm buttons can be triggered in 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

![PNC560 XSECURE RUGGED DEVICE logo]

XSECURE RUGGED DEVICE

PNC560

ALL ABOUT PRODUCTIVITY AND EFFICIENCY

ANDROID 12 ECOSYSTEM

• Latest Android OS brings more security, efficiency and enhanced 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

6.3-inch

1080P

POWERFUL SPECIFICATION

- QualComm 8-core platform, smooth & stable multitasking operations under complex 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

Barcode/QR code Scanner*

- Optional Barcode / QR code scanner available on special models
- APP + Scanning all in one, significant efficiency improving

*This feature is optional.

EXTREME SECURE, INSIDE AND OUT

PNC560

The PNC560 is an ultra-secure device designed for professionals who need the 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 & user data cleaning 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

Forced disassembly, data clearing

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

PNC560

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

SPECIFICATIONS

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

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 13mm
Weight	About 270 g
Screen Size	6.3 inches
Screen Resolution	2340x1080
Cameras	Front: 8 MP, Rear: 48 MP*and 8 MP
Flashlight	Available
Battery	5,040 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

APPLICATION SCENARIOS

Public safety   Utility   Airports   Healthcare   Industrial parks   Railway

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