



PNC550

Smart PoC Radio

- 5-inch Multi-touch Display
- Long Battery Life and Fast Charge
- Dedicated PTT and Alarm Button
- Loud and Clear Voice Quality
- 13M HD Camera
- Rugged and Compact Design



Hytera 5-inch HD screen PoC radio

PNC550 is a smart POC radio integrating smart phone and professional Push-to-talk function over cellular.





5-inch HD Multi-touch Display

5-inch multi-touch Gorilla Glass display with 1280x720 WVGA resolution, it can be used outdoor in direct sunlight. Wet and glove operation is also supported to fit for multiple scenarios.



Loud and Clear Voice Quality

With advanced AI-based noise reduction technology, dual mic noise reduction technology and the powerful voice recognition function, human voice in noisy environment can be extracted effectively. Built-in 1W (up to 2W) speaker provides loud and clear audio quality for versatile voice service.



Professional Design

Matte texture, lightweight (<250g) and compact body (14mm thickness), dedicated PTT and emergency button on one side, make PNC550 easy to operate with one hand.



Rugged and Compact Design

With exquisite structural technology, IP68, military standard (MIL-STD-810 G), 1.2m drop-proof design, PNC550 has no fear for kinds of harsh environments.



High Capacity Battery and Fast Charge

PNC550 features a 4000mAh removable battery to satisfy the long-hour work requirement. It supports 2A fast charge, and can be charged by desktop charger and USB.



HD Camera

The PNC550 is equipped with 13MP rear camera and 8MP front camera. The HD cameras with optical image stabilization make PNC550 clearly grasp every details of the scene, even in an emergency, so as to meet customer's various requirements.



Dual Sim

PNC550 supports dual-card dual-standby, which makes it not only a PoC(PTT over Cellular) terminal, but also a smartphone. Based on 2G/3G/4G/WLAN, the coverage of communication can be extremely large and wide.



NFC Function

Built-in NFC module provides NFC related functions such as information query, authentication, identification inspection and so on.



Inclusive System

Integrated with Intelligent system, PNC550 provides higher compatibility and security performance. Multiple applications can run on it. Open API and SDK allow third party developing customized applications.



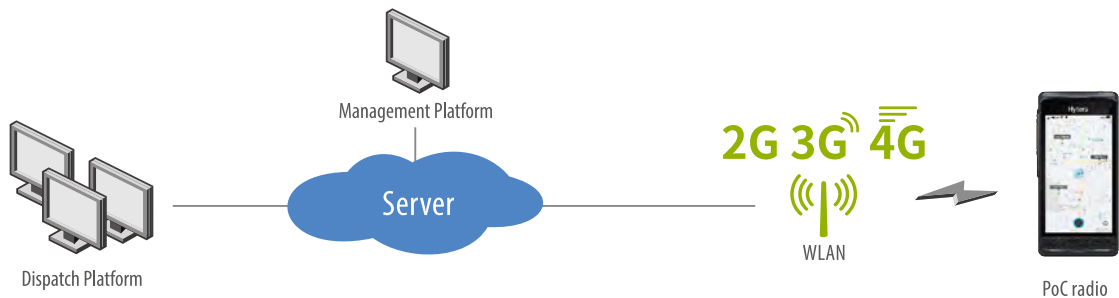
Unified Management Platform

Smart MDM provides unified management of PNC550. It supports firmware upgrade, APP push and installation remotely. It can also manage the authority of users. SmartMDM supports authentication and data encryption.



PoC Solution

Hytera provides a comprehensive PoC solution, including terminal, PoC APP, PoC platform, management and dispatch systems. PNC550 can implement versatile voice, video and data services over the public network. The dedicated PTT design makes it easy to initiate instant call anytime and anywhere.



ACCESSORIES

STANDARD ACCESSORIES



OPTIONAL ACCESSORIES



TARGET MARKETS

Law enforcement



Security guard



High-end shopping malls



Factory industry



Railway



The customs



Logistics management



Airport



SPECIFICATION

Standards & Frequencies	
Europe&Asia-Pacific&South Korea	
LTE	FDD-LTE: B1/B3/B5/B7/B8/B20/B26/B27/B28
	TDD-LTE: B34/B38/B39/B40/B41
WCDMA	B1/B3/B5/B8
TD-SCDMA	B34/B39
CDMA	BC0
GSM	850/900/1800/1900 MHz
America	
GSM	850/900/1800/1900 MHz
WCDMA	B2/B4/B5
TDD-LTE	B38
FDD-LTE	B2/B3/B4/B5/B7/B12/B13/B17/B26/B28

Transceiver	
Audio Power Output	Max : 2W (Rated:1W)
Mic	2 (Dual mic noise suppression)

Environmental	
Dust and Water Proof	IP68
Military Standard	MIL-STD-810 G
Drop Resistance	1.2m
ESD	IEC 61000-4-2 (Level 4)
	±8 kV (Contact) ±12 kV (Air)
Operation Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C

Audio and Video	
Audio Format	MP3; aacPlus, eAAC; AMR-NB, AMR-WB, G.711, Windows Media Audio, (WMA) 9/10 Pro
Video and Image Format	H.263, P0, H.264, BP/MP/HP, MPEG-4, SP/ASP, DivX, 4x/5x/6x, VP8, VP9, MP, JPG, GIF, BMP, PNG, WEBP
Noise Reduction	AI-based noise reduction & Dual mic noise reduction

General Specifications	
OS	Android 9.0
Dimensions (H x W x D)	156.5 x 76 x 14mm
Weight	<250g
Memory	3GB RAM+32GB ROM/4GB RAM+64GB ROM
	Expandable to 64GB with Micro SD card
Card Slot	Three card slots
	2 x Nano-SIM, 1x Micro SD
Display	5.0-inch
	1280 x 720
	Capacitive touch
	Multi-touch
	Support gloved operation Support wet operation
Camera	13MP AF 8MP FF
Port	USB 2.0(Type C) charger interface
	3.5mm common audio interface
Operating Voltage	3.7V (Rated)
Battery	4000mAh
Battery Life	12 hours (10/10/80) & 48 hours(standby) * PoC mode
WLAN	2.4GHz, 802.11 b/g/n
BT	BT 4.2
Positioning System	GPS(AGPS)/Beidou/Glonass/Galileo/Network
NFC	Support
Side Key	1x PTT, 2 x Volume key(+ -), 1x alarm key, 1x Power key
Indicator Light	1 (red/green/yellow)
Sensor	Gravity sensor
	Compass
	Proximity sensor
	Light sensor
Certification	CE/FCC/MIL-STD-810G/IP68



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

Http: //www.hytera.com **marketing@hytera.com**



Hytera retains right to change the product design and specification. Should any printing mistake occur, Hytera doesn't bear relevant responsibility. Little difference between real product and product indicated by printing materials will occur by printing reason.

HYT, Hytera are registered trademarks of Hytera Communications Corp., Ltd.
©2020 Hytera Communications Corp., Ltd. All Rights Reserved.