PNC550 SERIES ACCESSORIES

○ STANDARD ACCESSORIES

◯ OPTIONAL ACCESSORIES

5V/2A Adapter

4000mAh Battery

Phone Case

Desktop Charger

screen protector

Earphone

TARGET MARKETS

Law enforcement

Security guard

High-end shopping malls

Factory industry

Railway

The customs

Logistics management

Airport

SPECIFICATION

Standards & Frequencies	
LTE	FDD LTE: B1/B3/B5/B7/B8/B20/B26/B27/B28
	TDD LTE: B38/B39/B40/B41
WCDMA	B1/B3/B5/B8
GSM	850/950/1800/1900MHz
WLAN	2.4GHz, 802.11 b/g/n
Bluetooth	BT 4.1
Positioning System	GPS(AGPS)/Beidou/Glonass/Galileo/Network
NFC	Support

General Specifications	
Dimensions (H x W x D)	156.5 x 76 x 14mm
Weight	<250g
Operating System	Android 8.1
Processor	Qualcomm 1.8GHz
Memory	3GB RAM+32GB ROM
	Expandable to 64GB with Micro SD card
Card Slot	Three card slots
	2 x Nano-SIM, 1x Micro SD
Display	5.0-inch Gorilla Glass
	1080 x 720
	Capacitive touch
	Multi-touch
	Support glove mode
	Support rain pattern mode
Camera	13MP AF 8MP FF
Port	USB 2.0(Type C) charger Interface
	3.5mm common audio interface
Operating Voltage	3.7V
Battery	4000mAh
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

Transceiver	
Audio Power Output	Max: 2W
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℃ to +60℃
Storage Temperature	-30℃ to +70℃

Support 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, H.265, MP, JPG, GIF, BMP, PNG, WEbP

FC CE e

ISO ISO BS

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Hytera

PNC550

- 5-inch Multi-touch Display
- Long Battery Life and Fast Charge
- Dedicated PTT and Alarm Button
- Compatible Android System
- Strong and Clear Voice Quality
- 13M HD Camera
- Rugged and Compact Design
- Dual Sim

Hytera 5-inch HD screen PoC terminal.

PNC550 is a smart POC terminal 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 1080 x 720 WVGA resolution, can be used outdoors in direct sunlight. The PNC550 can easily be used in wet conditions or whilst wearing gloves making it suitable in a variety of scenarios.

High Capacity Battery and Fast Charge

PNC550 features a 4000mAh removable battery which will provide communications during the long work hours. It supports 2A fast charge, and can be charged by desktop charger, USB or multi-unit charger.

Inclusive System

Integrated with the Android 8.1 system, PNC550 provides higher compatibility and security performance. It can support multiple applications. Open API and SDK allow third party development of customised 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.

Loud and Clear Voice Quality

The dual mic noise suppression technology and powerful voice recognition function effectively separates the human voice in any noisy environment. The built-in 1 W (up to 2W) speaker provides loud and clear audio quality for versatile voice service.
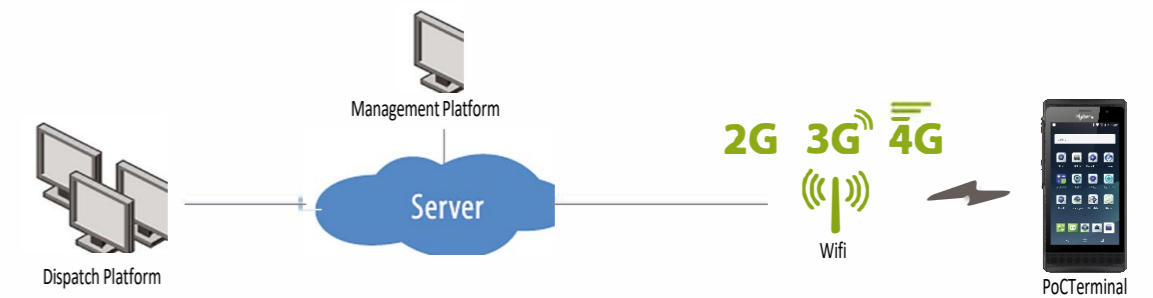
HD Camera

13MP rear camera and 8MP front camera provide customer with greater possibilities of image and video services.

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.

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.

Dual Sim

PNC550 supports dual-card and dual-standby. This makes it not only a PoC(PTT over Cellular) terminal but also a smartphone. Based on 2G/3G/4G/WIFI, communication coverage is extensive.

Rugged and Compact Design

With its exquisite structural technology, IP68, military standard (MIL-STD-810 G) and 1.2m drop-proof design the PNC550 is suitable any kind of harsh environment.

NFC Function

The built-in NFC module provides NFC related functions such as information query, authentication, identification inspection etc.