

Hytera



Nationwide Group Communications Solution

The PNC360S is supported on the HORIZON Nationwide PoC subscription service platform, the fastest growing and most reliable PoC platform available. It is also supported on third-party PoC platforms, and on the HORIZON Dispatch web-based group communications and location tracking application.

Hytera PNC360S Push-to-Talk Over Cellular (PoC) Radio

The Hytera PNC360S PoC device is an ultra-compact, rugged, and easy-to-operate handheld radio that utilizes Wi-Fi and existing nationwide 4G/LTE cellular networks for unlimited coverage and capacity. The PNC360S is designed for reliable business communications with instant group calling. It is cost-effective, and surprisingly feature rich for the price. PNC360S PoC radios can be deployed very quickly to deliver these features at a lower cost than traditional radio systems.

- Nationwide Coverage with Wi-Fi and 4G/LTE Networks
- Supported on the HORIZON Dispatching Application
- Ultra Compact and Rugged Radios that are Easy to Use
- Industry Leading Audio Quality with AI-Based Digital Noise Cancellation

BUILT-IN GPS

EMERGENCY BUTTON

PUSH-TO-TALK

VOLUME CONTROL

LONG-LIFE BATTERY

COMPACT AND LIGHTWEIGHT



HIGH-PERFORMANCE ANTENNA

LED INDICATOR

160 X 128 TFT LCD DISPLAY

MIL-STD AND IP67 RATED



WI-FI AND BLUETOOTH

ACCESSORY PORT

USB DATA/CHARGING PORT

MENU NAVIGATION

BEST IN CLASS AUDIO QUALITY

PNC360S Key Features

NATIONWIDE COVERAGE

- Nationwide workforce communication with mobile 4G/LTE connectivity supported by the Nano-SIM
- Optional multi-carrier SIM supports three mobile carriers and switches over when a carrier's signal is no longer present

BUILT-IN WI-FI

- Built-in Wi-Fi supports in-building communications with seamless switching to LTE networks when outside Wi-Fi range

FLEXIBLE GROUP AND INDIVIDUAL CALLING

- The Push-to-Talk button initiates instant half-duplex group calling (one caller speaks at a time) or full duplex individual calling (both callers speak any time)
- Supports cross-enterprise group calls to any other company with HORIZON PoC service
- Zones can be used to organize multiple call groups

HIGH-QUALITY AUDIO

- AI-Based digital noise cancellation and high-volume speakers for excellent voice quality in loud environments
- Provides industry-leading digital audio performance for individual calls, group calls, and emergency calls
- Adjustable microphone gain sensitivity feature allows users to adjust the radio settings so that they don't have to speak directly into the microphone, for example, when the radio is being worn like a remote speaker microphone
- Minimum call volume can be enabled in the platform for all users to prevent muting audio and missing calls

GPS POSITIONING

- Enables real-time location tracking with the HORIZON Dispatch application

TFT LCD DISPLAY

- The TFT LCD display provides high-resolution visibility even under bright daylight
- Durable, scratch-resistant glass surface - not plastic
- Supports an easy-to-use GUI menu system with clean and simple navigation

RELIABLE AND DURABLE

- Compliant with MIL-STD-810-H for shock and vibration
- IP67 rated for water submersion and dust resistance

LONG-LIFE BATTERY

- Powerful 4000mAh Lithium Polymer battery delivers over 40 hours operation on a single charge.
- Fast charging within two hours

SECURE COMMUNICATIONS

- Supports AES128/256, ARC4, SM4, and Quantum encryption algorithms for secure and private communications

TEXT MESSAGING

- Receive and view text messages sent from dispatcher and other Hytera PoC devices

PRE-INSTALLED APPS

- Android apps provide convenient PoC services

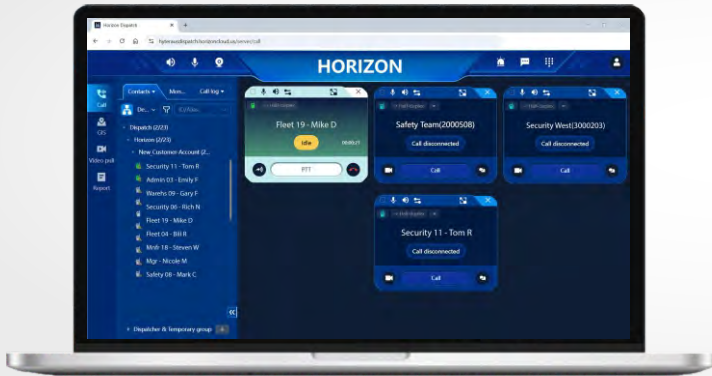
EMERGENCY AND SAFETY FEATURES

- One-touch Emergency button enables emergency calls to dispatcher and sending alarms to other radios
- Emergency alerts can be sent to a group of radios with an audible alarm and provides user ID to all receiving radios
- Safety Alert function sends pre-recorded voice messages at predefined time intervals to remind remote users to check in or that a regular task is due

STUN AND REVIVE

- Dispatcher can remotely stun (disable) or revive (return to service) if the radio is lost or stolen

HORIZON Dispatch



The PNC360S and other Hytera PoC devices are supported on HORIZON Dispatch web-based dispatch application that runs from a web browser.

HORIZON Dispatch supports instant group calling as well as individual calling. Dynamic groups can be quickly created with a simple list selection or geographically by selecting an area on the dispatch map. HORIZON Dispatch leverages the GPS built into the PNC360S for tracking of driver locations with geofences, travel routes, and time stamps.

Standard Accessories

INCLUDED WITH THE PNC360S



PC158
Charging Cable USB Type C



PS2023
Power Adapter
Input: 100-240VAC, Output: 5VDC/2A



BP4008
4000mAh Lithium-Ion Polymer Battery



BC66
Belt Clip



R003
Nylon Hand Strap

Optional Accessories



EHW08
Bluetooth Earpiece with
PTT Button and Mic



SM27W2
Bluetooth Speaker Microphone (IP67)



EAS07
Transparent Tube Earpiece with
Push-to-Talk Mic



EHS30
Earpiece with in-line
PTT & C-Earset

Target Applications

The PNC360S is designed for any organization that requires reliable wide area group communications.

- Education
- Security Companies
- Hotels and Resorts
- General Business
- Warehouses and Logistics
- Contractors and Subcontractors
- Property Management
- Event Production and Catering
- Houses of Worship
- Non-Profits
- Healthcare
- Senior Living

Actual Size

- Ultra-compact for easy carrying in a pocket or with the belt clip
- Palm sized for discreet operation
- Can be worn on a lanyard
- Can also be worn on the chest clipped to a safety vest or uniform like a remote speaker mic attached to a belt-clipped radio. This eliminates the need for additional hardware and dangling mic cables.



Specifications

Standards and Frequencies	
LTE	FDD-LTE: B2/B3/B4/B5/B7/B12/B13/B17/B26/B28 TDD-LTE: B38/B41 WCDMA: B2/B4/B5 GSM: 850/900/1800/1900
Wi-Fi	2.4GHz 802.11b/g/n
Bluetooth	BT 4.2
Positioning System	GPS/Galileo/AGPS
Environmental	
Operating Temperature	-4°F to +140°F (-20°C to +60°C)
Storage Temperature	-22°F to +158°F (-30°C to +70°C)
ESD	IEC 61000-4-2 (Level 4) ±8kV Contact, ±12kV Air
Dust and Water Ingress	IP67 Standard
Humidity	MIL-STD-810 H Certified
Shock and Vibration	Per MIL-STD-810 H Certified Drop Proof to 1.2 meters

General	
Battery	4000mAh Lithium Polymer
Battery Life (10/10/80)	Up to 48 Hours
Weight	6.7oz (190g) Including Belt Clip
Dimensions (H x W x D)	5" x 2 3/16" x 1 1/16" (127 x 55 x 27mm)
Operating System	Android 7.0
Memory	1GB RAM + 8GB ROM
Card Slot	Nano-SIM
Display	1 3/4" TFT LCD Non-touch screen display, 160x128
Speaker Power	2W (rated), 3W (max)
External Interface Ports	USB Type C Charging Port, 3.5mm Audio Interface
Positioning	GPS/Galileo/AGPS



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PNC360S-DS-G 2/26