Hytera

Hytera PNC360S

Push-to-Talk Over Cellular (PoC) Radio

The PNC360S is an ultra-compact, rugged, and easy-to-operate handheld radio that enables connectivity over cellular 4G/LTE and Wi-Fi for wide-area radio communications.

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
- Industry Leading Voice Quality with Digital Noise Suppression
- Supported on Hytera Dispatching Apps
- Ultra Compact and Rugged Radios that are Easy to Use

Nationwide Group Communications Solution

The PNC360S is supported on the HORIZON and Hytera HALO Nationwide PoC subscription service platforms, third-party PoC platforms, and is supported on Hytera Dispatch web-based group communications and location tracking applications.

PNC360S KEY FEATURES

NATIONWIDE COVERAGE

- Nationwide workforce communication with mobile 4G/LTE connectivity supported by the Nano-SIM

BUILT-IN WI-FI

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

GPS POSITIONING

- GPS enables real-time tracking and positioning for the Hytera Dispatch applications

HIGH-QUALITY AUDIO

- Digital noise suppression and high-volume speakers for excellent voice quality in loud environments
- Provides high-quality 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

BUILT-IN BLUETOOTH

- Built-in Bluetooth enables connectivity to earpieces, Push-to-Talk rings, and other wireless accessories

TFT LCD DISPLAY

- The TFT LCD display provides high-resolution visibility even under bright daylight
- 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 several days of operation on a single charge.
- Over 48 hours 10/10/80 operation (10% transmitting, 10% receiving, 80% idle)
- Fast charging within minutes

TEXT MESSAGING

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

PRE-INSTALLED APPS

- Android apps provide convenient PoC services

STUN AND REVIVE

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

EMERGENCY AND SAFETY FEATURES

- Emergency Alarms can be sent to other radios via the one touch programmable button
- Safety Alert function provides alerts to the user using a pre-recorded voice message sent at predefined time intervals to remind remote users to check in or that a regular task is due
- Improves worker safety and emergency response time

Dispatch Applications

The PNC360S and other Hytera PoC devices are supported on HORIZON Dispatch (shown left) and Hytera HALO Dispatch. Both are powerful web-based dispatch applications that run from a web browser.

Hytera Dispatch applications support instant group voice and video 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. The Dispatch applications leverage the GPS built into the PNC360S for tracking of driver locations with geofences, travel routes, and time stamps.

Standard Accessories

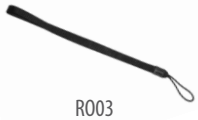
INCLUDED WITH THE PNC360S

PC143
Charging Cable USB Type C

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

BP4008
4000mAh Lithium-Ion Polymer Battery

BC51
Belt Clip



R003
Nylon Hand Strap

Optional Accessories

POA121
PTT Bluetooth Ring

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

Hytera

Hytera US Inc
8 Whatney, Suite 200, Irvine, CA 92618
(954) 846-1011

1363 Shotgun Road, Sunrise, FL 33326
(954) 846-1011

www.hytera.us
info@hytera.us

Hytera Authorized Dealer:
Alpha Prime Communications
Sales . Rentals . Service
1808 Janke Drive, Suite E
Northbrook, IL 60062 USA
847-298-4000 . service@alphaprimecomm.com

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