GLOBAL COMMUNICATION SERVICES

HYTERA P30 LITE

PUSH-TO-TALK OVER CELLULAR (PoC) RADIO
PRODUCT INFORMATION & USER REFERENCE GUIDE



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1. Product Overview

The Hytera P30 Lite is a Push-to-Talk over Cellular (PoC) radio. Unlike a conventional two-way radio that communicates directly over a dedicated radio channel, a PoC device uses cellular network connectivity and a compatible PoC service to connect users. This makes it suitable for teams working across different parts of a site or across multiple locations, wherever the required mobile network and service are available.

Key Features

FEATURE	DESCRIPTION
2G / 3G / 4G connectivity	Uses supported cellular networks to connect users through a compatible PoC service.
Push-to-Talk over Cellular	Enables group and individual voice communication through the supported PoC platform.
3300mAh battery	Rechargeable battery capacity intended to support extended work shifts.
Audio output	2W rated speaker output, with up to 3W maximum output as listed in product information.
IP54 protection	Provides protection against limited dust ingress and water splashes.
Drop resistance	Specified drop resistance of up to 1.2 metres.
GPS positioning — optional	Location functions may be available with optional GPS/BDS/GLONASS configurations.
NFC — optional	NFC functionality may be available for supported workflows such as check-ins or task-related use.
Text-to-speech alerts	Voice prompts can provide selected device status information, such as battery, network or talk-group status.
USB Type-C charging	Uses a USB Type-C charging connection.

Typical Applications

The P30 Lite may be used by security teams, hotels, retail stores, shopping malls, warehouses, logistics teams, facility-management staff and field personnel who need push-to-talk communication over cellular coverage.

2. Technical Specifications

The following table consolidates the P30 Lite product information used for this guide. Confirm the exact regional variant and configuration with the supplier before ordering.

SPECIFICATION	DETAIL
Product model	Hytera P30 Lite
Device category	Push-to-Talk over Cellular (PoC) radio
Operating system	RTOS
Network connectivity	2G / 3G / 4G
SIM card	1 Nano SIM
Battery capacity	3300mAh
Dimensions	118 × 55 × 22 mm
Weight	170g without belt clip
Audio output	2W rated; up to 3W maximum
Display	Screenless design
Charging port	USB Type-C
Audio interface	3.5mm audio jack
Location services	Optional GPS + BDS, GPS + GLONASS or BDS
NFC	Optional
Ingress protection	IP54
Drop resistance	Up to 1.2 metres
Operating temperature	-10°C to +55°C
Storage temperature	-30°C to +70°C

Configuration note: GPS, NFC and positioning-system combinations are described as optional. Availability depends on the specific hardware and regional configuration supplied.

3. Understanding Range and Coverage

The Hytera P30 Lite does not have a fixed walkie-talkie range measured in kilometres. It communicates through cellular networks and a compatible PoC service. Users may communicate across cities or distant locations when both devices have access to supported mobile-network coverage and the required PoC service.

Factors that affect communication

- Mobile network availability and signal strength
- Supported cellular bands of the exact device variant
- SIM activation, data connectivity and service configuration
- Availability and configuration of the PoC platform
- Network congestion and local operating conditions

4. Basic Deployment Checklist

Before deploying P30 Lite radios, confirm the following with the service provider or supplier:

1. The device variant supports the cellular bands available in the intended operating locations.
2. A compatible SIM and suitable mobile service are available.
3. The required PoC platform or subscription is active and configured.
4. Users are assigned to the correct talk groups and permissions in the PoC service.
5. Optional GPS or NFC functions are included in the supplied configuration if required.

5. Battery, Charging and Protection

The product information lists a 3300mAh battery and USB Type-C charging. Use a compatible charger and cable, and follow the instructions supplied with the specific device. The IP54 rating indicates limited dust protection and protection against water splashes; it does not mean the radio is waterproof or suitable for immersion. The stated 1.2-metre drop resistance should not be treated as a guarantee against damage from every fall.

6. Price, Availability and Accessories

The Hytera P30 Lite price depends on order quantity, availability, accessories and the required PoC service arrangement. Optional functions and accessory compatibility should be confirmed for the exact version before purchase. Contact Global Communication Services for a quotation and assistance with product selection.

7. Product Support and Enquiries

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This is a GCS-branded product information and deployment reference guide, not a substitute for the model-specific manufacturer operating manual, network-provider instructions or applicable regulatory approvals. Confirm all specifications, optional functions, supported bands and approvals for the exact unit supplied.