



## CPN EVERY 323 PTT

The first real mobile ruggedized Push-To-Talk (PTT) solution for the Cobham PRISM PTT+ Service

# CPN EVERY 323 PTT



The CPN EVERY 323 PTT is the first real mobile ruggedized Push-To-Talk (PTT) solution (IP 66) for the Inmarsat BGAN satellite network.

The CPN EVERY 323 PTT system is designed to extend VHF/UHF based trunk radio systems widely used in the field service, search and rescue, utility, mining and Oil & Gas sectors.

Within a minute the CPN EVERY 323 PTT is enabling a reliable voice communication connection to the command and control centre for up to 6 hours on internal battery power.

Up to two USB modems (optional) can be connected to the base station supporting two independent cellular networks. The all important built-in least cost routing functionality from the Cobham PRISM PTT+ service enables automatic switching between the available networks:

If one of the cellular networks is congested or unavailable the system will automatically switch to the other cellular network. If limited or no cellular coverage the system will switch to the Inmarsat BGAN satellite network.

Due to the small form factor of the and the detachable 98 Wh batteries the CPN EVERY 323 PTT can be carried as hand luggage in commercial airplanes.

The CPN EVERY 323 PTT system consists of:

- Cobham Explorer Push-To-Talk Gateway with Hand microphone (fist-mike)
- Cobham Explorer 323 BGAN terminal
- One or two LTE USB modems (optional)
- Two 98 Wh batteries
- External charger



# CPN EVERY 323 PTT

## Specifications

Weight: 12.4 Kg  
Dimensions: 45.4 x 32.4 x 17.1 cm

## Environmental Conditions

Dust and Water IP-54 protection class  
Temperature -25°C to +55°C operating  
-13°F to +131°F operating

## Interfaces

Dual Band 802.11ac Wi-Fi hot-spot  
1 x External Ethernet port's (RJ-45)  
1 x External MIC port  
1 x Internal MIC port  
2 x Internal USB port

## Power

### Vehicle

Input Voltage 12V DC

### External Power Supply

Input Voltage 90 - 264V AC  
Output Voltage 16,8V DC (84W)

### Battery

2 x Detachable Batteries (98Wh/ 6,8Ah)



## Communication

### Cobham EXPLORER® 323

Voice 4 kbps AMBE+2  
Premium Voice 64 kbps (@elevation>45°)  
Standard IP Up to 200 kbps  
Streaming IP 16, 32 kbps  
SMS 160 characters

### LTE

Optional via USB LTE Surf Stick

## Other Features

- Commercial and Enterprise LTE network connectivity in North America, EMEA or Australia & New Zealand optional via LTE Surf Stick
- Omni directional satellite Antenna (no pointing required)
- Victron Energy Smart BatteryProtect

## Package Content

- Peli Case 1520
- Cobham EXPLORER® 323
- Cobham EXPLORER® 323 Mounting Plate
- Cobham EXPLORER® PRISM Mobile Gateway (3647PTT Unit)
- Cobham EXPLORER® 6205 Control Speaker  
Microphone
- External Power Supply (incl. Travel Case)
- 3m Vehicle Cable
- 3m Ethernet Cable
- 2 x 98Wh/ 6,8Ah Batteries (incl. Travel Case)
- Quick Start Guide

