

## Technical specification

### System & Frequency Band

Frequency	Version E (For all except North and South America)	Version A (For North and South America)
TDD LTE: B38/B40/B41	FDD LTE: B1/3/5/7/8/20/28A/28B	
WCDMA: B1/B5/B8	GSM: B2/B3/B5/B8	
TDD LTE: B38/B40	FDD LTE: B2/3/4/5/7/8/12/17/28a & 28b/66	
WCDMA: (B2/4/5)	GSM: B2/B3/B5/B8	
Wi-Fi :	IEEE 802.11 b/g/n 2.4G	
Positioning System	GB Mode: GPS L1 + Beidou B1	GG Mode: GPS L1 + GLONASS R1
	GPS Only Mode: GPS L1 + Galileo E1	
NFC :	Optional to add	
<b>General</b>		
System memory	512M DDR3 + 4GB ROM DDR3	
Operation System	Android 8.1	
LCD	1.77 "LCD 128*160 mm	
Group Capability	200 groups	
External Interface	TYPE-C , earpiece socket	
Operation Temperature	-30°C~ + 60 °C	
Operation Voltage	3.7 VDC ( rated )	
Antenna Impedance	50Ω	
Microphone Impedance	2.2KΩ	
Battery Capacity	Li-ion DC3.7V 3200 mAh	
Dimension	127 mm×53 mm×28 mm ( without knob and antenna )	
Weight	210g (with battery and antenna)	
Audio Output Power	≥2000 mW	

• All specifications are subject to change without notice due to continuous development.

## Standard Accessories



3C standard charger

USB charging cable

3200mAh Li-ion battery

Belt clip

Hand strap

Dealer Area

**ABELL**<sup>®</sup>



# AP100 pro

New Generation PoC  
with powerful intercom expansion

Android 8.1

Flexible talk to DMR, Analog with ABELL  
intelligent and versatile intercom solutions

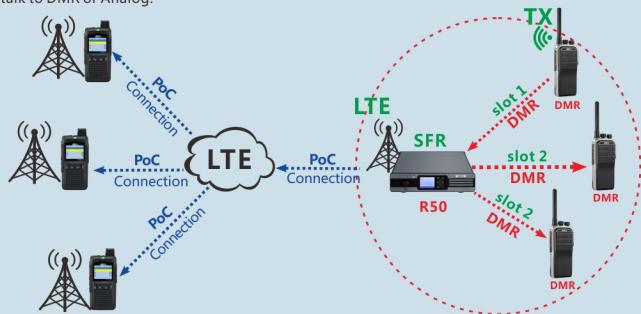


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## Intercom Solution with analog or DMR by NeoLink™

NeoLink by smart size R50 single frequency repeater. This solution can achieve the PoC intercom talk to DMR or Analog.



## Features

### World wide coverage

With 2G, 3G, 4G, and WLAN networks, AP100 pro realizes both voice and data in worldwide coverage.

### Android 8.1

Android operation system, easy to adopt with different PoC platforms

### 1.77 " LCD display

Big and clear, bright and delicate colors

### Dispatcher system

Users can be set by different authorities for easy group management and enhanced communication efficiency.

### Bluetooth

Built-in Bluetooth

### Recording and replay

Talks can be recorded and replayed for review.

### TYPE-C charging

Flexible charging choices by Type-C direct charging or optional desktop charger.

### 3200mAh li-ion battery

### NFC(optional)

## Intelligent intercom solution by AMIX™ system

This solution enable AP100 pro build multiple intercom talks with different DMR talk groups at the same time. At the same time, the dispatcher of AMIX system can achieve the GPS position tracking for both AP100 pro and DMR terminals, and the intercom talking record.

