

Technical specification

System & Frequency Band

Frequency	Version E (For all except 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
	Version A (For North and South America)	
	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	

General

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



AP100 pro

**New Generation PoC
with powerful intercom expansion**

Android 8.1

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



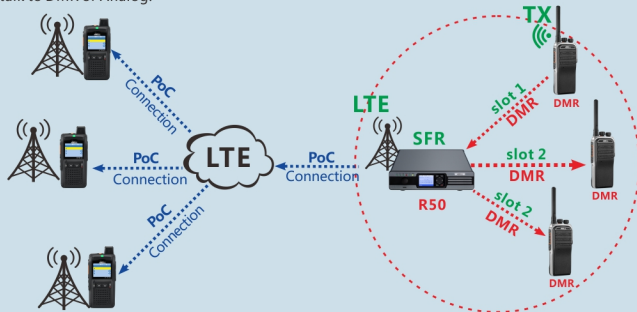
ABELL INDUSTRIES CO., LTD

Website: www.abell.com.cn E-mail: sales@abell.com.cn

Dealer Area

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.

