

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/B4/B5)	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	Camera: Optional to add

General

System memory	512M DDR3 + 4GB ROM DDR3	Antenna Impedance	50Ω
Operation System	Android 8.1	Microphone Impedance	2.2KΩ
LCD	1.77" LCD 128*160 mm	Battery Capacity	Li-ion DC3.7V 3200 mAh
Group Capability	200 groups	Dimension	127 mm*53 mm*28 mm
External Interface	TYPE-C, earpiece socket	Weight	210g (with battery and antenna)
Operation Temperature	-30°C ~ +60 °C	Audio Output Power	≥2000 mW
Operation Voltage	3.7 VDC (rated)		

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

Standard Accessories



Power Adapter



Charging/Program Cable



3200mAh Li-ion battery



Belt clip



Hand strap

Optional Accessories



Earphone



6-Way Power Supplier

ABELL®



AP100 pro

New Generation PoC
with powerful intercom expansion

Android 8.1

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

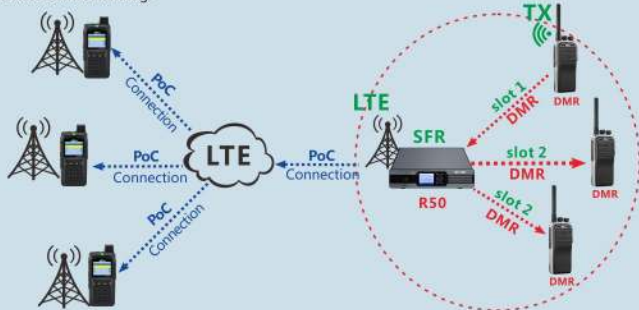


ABELL INDUSTRIES CO., LTD
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Dealer Area

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)

Camera(optional)

Application



Military drill



Security Patrol



Traffic command



City Police



Fire rescue



Airport dispatch



Railway dispatch



Port dispatch



Shipping dispatch



Hospital first-aid



Hydro and electric power



Hotel



Sports events



Logistics



Bus & Taxi

