

# B5

## 4G/5G Full Screen Rugged Smartphone

B5 is a global band 4G/5G rugged Smartphone with 8MP Front camera, rear 48MP main camera and 13MP night vision camera.

Built with rugged housing, B5 can support DMR 400-470 MHz UHF frequency/136-174MHz VHF frequency or optional 350-390MHz police frequency. Its intercom distance is up to 5km barrier-free, ensuring durability in harsh environments such as construction sites, factories, and emergency response operations. The shock-resistant, dustproof, and waterproof design allows it to withstand extreme conditions while maintaining reliable performance.

B5 is widely used across industries, including logistics, security, manufacturing, and outdoor expeditions, where instant communication is crucial for efficiency and safety. It offers encrypted channels, noise cancellation, and long-range connectivity, making itself ideal for both close-quarters teamwork and large-scale coordination.



## Features



DMR UHF/VHF



PoC



Android 13



5G/4G



Real-time recording



SMA antenna



DMR noise reduction



Dual time slot

# SPECIFICATIONS

Product Features	Android 12 Golbal 4G Network IP68 Waterproof(SGS) Front Camera: 8MP Rear Camera: 16MP + Night Vision 13MP Smart PA 120dB speaker DMR digital intercom(400~470Mhz) UHF analog intercom(400~470Mhz) Detachable antenna PoC cellular intercom Magnetic Charging Type-C Charging Dock Charging NFC	Size Weight(with battery) Color Water resistance Antenna Vibrator Speaker Receiver Microphone Charger Jack I/O Connector Strong Flashlight Flash Lighting Bluetooth FM Wifi GPS Sensor USB OTG Biometrics NFC	159*75.8*19.2mm 328g Black IP68/IP69K (SGS) Embedded Wire-bonded Motor 2W Speaker (S2036) 0809 Silicon Wheat Type-C Type-c to 3.5mm YES YES Bluetooth 5.0 Support WiFi 2.4GHz and 5GHz support AGPS+GPS+Beidou+Glonass+Galileo (BT/WIFI/GPS 3in1) Proximity Sensor,Light Sensor, Power Indicator,E-Compass,Gyro, G-Sensor YES Fingerprint Scanner, AI Face Unlock 13.56MHZ (antenna placed in the battery area); support ISO15693, ISO1443A/B two protocols, support read and write mode, card mode, and near field communication (point-to-point file transfer)
Platform	MT6765V/C,P35 2.3GHz Octa Core	External Buttons	Power Button (Physical button) Volume+/Volume- (Physical button) PTT Button (Physical button) Fn Button (Physical button) Menu Button (Touch) Back Button (Touch) Home Button (Touch)
SW version	Android12		
DMR Walkie	DMR digital intercom(400~470Mhz) UHF analog intercom(400~470Mhz)		
Detachable antenna	Yes		
PoC	Support		
Band	GSM: B2/3/5/8 WCDMA: B1/2/4/5/8 TDD: B38/B40/41 FDD:B1/2/3/4/5/7/8/12/13/17/19/ 20/28A/28B/18/25/26/66 CDMA: BC0/BC1/BC6		
Data UL/DL rate	GPRS:53.6Kbps WCDMA:Uplink5.76Mbps,Downlink 14.4Mbps TD-SCDMA:Uplink2.6Mbps,Downlink 3.1Mbps FDD:Uplink 50Mbps,Downlink150Mbps TDD: Uplink50Mbps, Downlink150Mbps "		
Screen Type	TFT 5.5" HD+ IPS 720*1440		
Input	5 Point touch		
Camera	Front: 8MP Rear:Main 16MP(Optional 48MP)+ Night Vision13MP		
Target Internal Memory	4+64GB(6+128GB Optional)		
Dual card/SD Card	Dual Nano Sim / One Nano Sim+SD card		
Target Battery Capacity	8000mAh (4.4V)		
Charging	PE+ 9V/2A Fast Charging		
Charging Methods	Magnetic Charging+Type-C Charging+Dock Charging		