



BF-SCP960

Smart Multi-mode Portable Radio



OVERVIEW

In mission-critical communication, situations are more changeable, requirements are diverse, information transmission is mixed and effective collaboration is required. Integrated with LTE and DMR, narrow and broad band, this new smart radio designed for public safety communications with competitive Edge and abundant human-centered features. As a two-way radio, it offers instant and reliable push-to-talk calls for critical voice communications. As a ruggedized smart portable terminal, it brings all the benefits of broadband data to professional users, and offers unified communication experience, rich applications and enhanced data security.

HIGHLIGHTS AND BENEFITS

Multi-mode Hybrid, Flexible Communication

Multi-connection in versatile Network, different communication standards supported, broadband and narrowband converged. A multi-mode radio works in DMR convention mode, DMR trunking mode, analogue conventional mode, MPT 1327 trunking mode, PoC (public 3G/4G) and MC-LTE (private LTE) mode, bringing all the advantages of both narrow and broad band technologies together, which could always be stay in connect, to communicate whenever and wherever.



Intelligent Multi-application Integration Platform

Support abundant third-party customized applications like Body Worn Camera, Navigation, Workorder etc., and various sensors can be integrated to realize more functions and enrich services.

Abundant Advanced Features

- Dual SIM Dual Standby (DSDS)
- WIFI
- NFC
- RFID
- OTG
- Waterproof fingerprint
- Bluetooth
- GPS



Rugged Screen

- Visible in different lighting situations.
- Super-tough, coming with IP68 rated water-resistance, a durable build with shatter-resistant display.

Perfect Audio Quality

2 microphones noise reduction and big speaker, pick up sound evenly from all directions, be heard wherever you go.

Dual Cameras

Front camera 8MP and rear camera 21MP, supports 4K HD video.

High Standard

- IP68
- MIL-STD-810G

Dual PTT

One for DMR while another for PoC at each side, quick operation.

Smart Batteries

Let you work at ease, gives you more energy, better control and longer operation life.





Part Name



- | | | | |
|---------------------------|-------------------------|---------------------|-------------------------|
| 1 External Antenna | 8 Logo | 15 PTT Key | 22 NFC |
| 2 Antenna Connector | 9 Power On/Off | 16 SOS | 23 Logo |
| 3 Menu Key | 10 Volume+ | 17 Front Camera | 24 Desktop Charger Slot |
| 4 Return Key | 11 Volume- | 18 Rear Camera | 25 Scanner(optional) |
| 5 Fingerprint Recognition | 12 POC Key | 19 Flash LED | 26 Headphone Jack |
| 6 Front Speaker | 13 Custom Key | 20 16 Pin Connector | 27 Type-C |
| 7 Light Sensor | 14 Peripheral Interface | 21 SIM Card Slot | |

OPTIONAL ACCESSORIES



Infrared Camera



Interphone



Intercom



OTG data Transmit



Earphone



Desk Charger

SPECIFICATION

General Specification	
WWAN	2G:GSM 850/1900/1800/11900;CDMA 3G:WCDMA 850/1900/11900/12100; 4G:LTE-FDD:B1/83/B5/B71/B81/B17/B201/B28(Oplion) LTE-TDD: B38/B39/B40/B41 A1F(B34/839) Dual Micro SIM standby
Bluetooth	Bluetooth 4.0
WIFI	WIFI802.11 a/b/g/n,2.4G/5.8
NFC	13.56MHZ
microphone	Double Mics to reduce noise
Radio	Support
GPS	GPS/BEIDOUIGLONASS
Digital And Analog Walkie-Talkie	DMR digital and analog, support voice and datafunction and the ways of encryption,highpower 2W, low power 1W VHF:136-174MHz(optional) UHF:400-470MHZ/UHF:350-400MHZ(optional) UV Dual band UHF: 4W, VHF:5W(customizable)
Public networkintercom	POC Public network intercom with PoC key
Keys	PTT Intercom key、POC intercom key、 custom key
Physical parameters	
Standards	MIL-STD-810G
IP68 protection	waterproof,shockproof,dust-proof
Appearance	bar
Color	Orange black ,blue black
Weight	408g
Size	182X85.8X21.2(mm)
Performance Parameters	
CPU	MTK6763 Octa Core 2.3GHz
CPU	16nm
RAM+ROM (1)	4GB+64GB
RAM+ROM (2)	6GB+128GB
TF card	Up to 512GB
Operate System	Android 8.1
Screen Parameters	
Screen Size	FHD+ 5.65
Resolution	1080*2160
Touch Screen	5 points touch,support gloves
Screen material	IPS high-definition hard screen

Camera	
Back	21MP
Front	13MP
Flashlight	1
Sensor	
Fingerprint identification	Support
Light sensor	Support
Proximity sensor	Support
Gyroscope	Support
Electronic compass	Support
Magnetic field	Support
Gravity sensor	Support
Battery	
USB	USB 2.0,Type-C
Water proof	Support
Desk Charge	Support(optional)
Battery	8000mAh
Work Temperature	35° C~+70° C
Additional functions	
16Pin external device	Intercom earphone Infrared Camera Intercom device in hand or car Reduce noise earphone RJ45 slot OTG data transmit
The extend slots inthe back of phone	3V+5V+GND+RXD+TXD+2*GPIO
Customization(optional)	
LTE private network module	1.4G, 1.8G, 400M, 600M, 700M, 230M
1D/2D scanner module	Honeywell N6603
RFID 915 module	902MHz-928MHz, 865MHz-868MHz(optional)
ID recognition module	Read ID data
Camera module	support

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