Boxchip -----Multimode network radio world leader in network radio systems

BOXCHIP

Stay Connected!

DMR

LTE

Security Channel

DMR | Zone 1 | A | RMO
HI

Group 1
i am speaking...

BOXCHIP

VIDEO

IMAGE

BOXCHIP

About Us

Professional radio manufacturers are sometimes not the best at designing Network Radios.

but then not all makers of Network Radios are the best at producing professional two-way radios!

Introducing Boxchip.

We have more than 10 years professional experience in communications.

We know the cellphone network has weak signal areas; we know that Digital Mobile Radio (DMR) networks can't do the kind of image and video messaging that mobile phones can.

So Boxchip produces devices which seamlessly switch between the phone network and DMR with the best coverage available, wherever you are in the world.

With Boxchip, you can'Stay Connected', wherever you are!

Available worldwide via our distribution network.

Boxchip S900A+ LTE+DMR multimode radio -----Stay Connected

S900A+

Radio + Smart Phone + Body Camera + Gateway

S900A+

DMR: Full compatibility with Motorola/Hytera/Kenwood...

Push to talk platform: Support all Push to talk platforms, Works perfectly with Zello, Tassta, Eschat, Mobiletornado, Walkiefleet, Teamspeaker3, Proptt2...

BiMR   BPS   Gateway Mode   MAN DOWN   ALONE WORKER

S900A+ Key Features:	
Processor	CPU 1.5GHz
Android	Android 9.0+
Memory	2GB /16GB
LCD size	4.0inch,800*480 Pixels
LCD touch feature	Web touch/ golve touch/ solar visibility
Camera	8MP+ 5MP camera;Optional 13MP+8MP
Gateway mode	Support
ROIP	Support
VOLTE	Support
SIM card	Support dual nano sim
Encryption	Support AES256/ AES128/ ARC4
Other features	Bluetooth, Wifi, hotspot, NFC, GPS

M6 PORT
External PTT mic speaker, PTT earphone, 720P camera

Camera Instant Key

SOS
Customize function

Buttons
MULTI-FUNCTION KNOB
Power & channel / group

HD CAMERA
5MP Front-facing Camera
8MP Rear Camera

ANDROID 9.0+OS

DMR Security Channel .ıl
Hi *Zone 1* A O━ RMO

WORKING TEMPERATURE
-15˚ ～60˚

4.O capacitive touch screen
Gorilla glass lll
Stronger resistance to scratches,
impact and indentation

Smart awareness and smart touch
Wet touch and glove touch LCD
Readable in bright sunshine low light

SMART BUTTONS
Switch between DMR and PoC

TEXTURED PTT BUTTON

VOLUME BUTTONS

Design
Intuitive, intelligent and concise
user experience

RUGGED AND DURABLE
lp65 waterproof, dustproof,
shock-resistant,explosion-proof,
Suitable for complex,
harsh environment, etc.

Design
Embedded Battery
No-slip Grip Texture

MULTIPLE CONNECTIVITY · CONNECTING
Wired connection：Type C pin port ,Support fast charging
Wireless connections：WLAN 2.4G/5.8G, NFC, Bluetooth
Sensor：Distance sensor, ambient light sensor, 6 axis electronic
compass, gyroscope, acceleration sensor
Location system：GPS, AGPS, Beidou, Glonass

Battery
Standard 4500mAh
One-hand to replace battery

CE | FC | 🦎 | MIL-STD-810G | IP65

MSDS | UN38.3

MAIN SEPCIFICATION

CPU	1.5G
OS.	Android 9.0+
Memory RAM+ROM	2GB+16GB
LCD	4.0inch TFT IPS,400*480 Pixels,gorillia III
WCDMA	B1 B2 B5 B8
FDD-LTE	B1 B3 B5 B7 B8 B20 B26 B28A B28B(EU version)
FDD-LTE	B2 B4 B5 B7 B12 B13 B17 B26 B28A B28B(US version)
TDD-LTE	B38 B39 B40 B41
Cameras	Dual cameras 5MP & 8MP @30fps (Video mode)
Wi-Fi	2.4G /5.8G
Bluetooth	Dual BT v4.1
GPS	GPS, A-GPS,Glonass
Speaker Output	Φ36,2W
VOLTE/NFC	Yes
Port	Type-C,M6
IP code	Ip65
Battery capacity	4500mAh

DMR SPECIFICATION

Frequency Band	UHF:400-480MHz or VHF:136-174MHz
Channel	1000 or customize
Channel Spacing	12.5KHz/25KHz
Tx Power	1W/2W
Rx sensitivity	Analog：-121dBm/12db SINAD(Rated) Digital:-117dBm/BER 1%
Inter-modulation	≥65dB
Blocking	≥84dB
Spurious of Suppression	≥70dB
Response	≥70dB
Neighbor hood selectivity	≥60dB
Frequency stability	±0.5ppm
Antenna Impedance	50Ω characteristic impedance
Audio Output	1W(Rated)
Audio Distortion	≤3%
Encryption	ARC4/AES128/AES256

ACCESSORIES

STANDARD		OPTIONAL
USB Cable	1pcs	Earbud Base set with PTT button and microphone
Charger	1pcs	Remote Micro Speaker
Back Clip	1pcs	PTT earphone with external camera
Antenna	1pcs	Dock charger
User Manual	1pcs	Charger station

BOXCHIP RADIO HAVE BEEN USED IN VARIOUS OF APPLICATION SCENARIOS