IRC590

REDEFINE CRITICAL COMMUNICATION

- IP68 & MIL-STD 810H
- Non-slip Shape Design
- AES256 Encryption Algorithms
- 6400mAh Large Battery
- Unlimited Channels
- OTA Channel Programming
- 1.08" TOP FLIPPABLE SCREEN

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BUILT FOR CRITICAL

In public safety, emergency service, safe and reliable communication is vital. Any loss of connection in any situation can result in missed opportunities. That's mission critical. Traditional critical communications rely on narrowband private networks. And high base station costs and limited frequency bands have discouraged many security companies and emergency service organizations. With the development of broadband-narrow convergence, PoC Radio is sufficient for critical communications under broadband conditions in scenarios where broadband is available.

IRC590 was invented for this purpose. It is not only latency-free and does not miss critical tasks, but also has a professional encryption system to secure communication; it has all the features that professional Radio has. The Public Safety level product design stands out in its class.
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Rugged Than Ever

- Rugged to MIL-STD 810H
- IP68
- Non-slip shape design

Impeccable security

- Supported AES256 encryption algorithms
- SOS one-touch alarm
- Covert camera
- 10pin dedicated upgrade connector

More Efficient

- 1.08" top flipable screen, easy to read without picking up
- 2w loud speaker, clear and loud sound
- GPS location-tracking
- Two 12h Shifts, One Charge
- Desktop Charger & USB-C Charging, convenient and fast

PROFESSIONAL CONFIGURATION FOR CRITICAL MOMENT

1.08" TOP FLIPABLE SCREEN, EASY TO READ WITHOUT PICKING UP

When it comes to handling critical tasks, time means everything. Whether the radio is on your belt or in your hand, the IRC590 makes it easy to read messages without flipping the screen.

COVERT CAMERA, REAL-TIME SCREEN

Concealed cameras, push real-time images to the dispatcher in times of crisis, to help the back-end headquarters understand the situation and increase personnel for rescue.

BLACK   BLUE   GREEN

*Custom colors available (black, green, blue)

SCENARIOS

Public Safety

Security

Emergency Response

PRODUCT PARAMETERS

HARDWARE	
RAM+ROM	1GB +8GB
USB	Type - c USB
Card Slot	Micro SIM Card
Interface	M6
Indicator Light	Three Colors
Screen	TFT LCD
Screen Size	1.08 inches
Camera	Front Camera 8.0MP
Speaker	Ø40mm 8Ω2W, Up to 2.5W
Microphone	0628 Electret
Battery	4.35V 6400mAh
Talk Time	13hrs (5/5/90 Standard Test)
Standby Time	33hrs
Weight	≈355g
Dimension	151.2 x 76.3 x 50.7mm(Without Belt Clip and Antenna)

CONNECTION		
EU Version	GSM: B2/B3/B5/B8	
	WCDMA: B1/B2/B5/B8	
	FDD: B1/B3/B5/B7/B8/B20/B28A&B	
	TDD: B38/B39/B40/B41（120M)	
US Version	GSM: B2/B3/B5/B8	
	WCDMA：B2/B4/B5	
	FDD-LTE: B1/B2/B4/B5/B7/B12/B13/B17/B25/B26/B28A&B/B66/B71	
	TDD-LTE：B38/B41	
Wi-Fi	802.a/b/g/n, 2.4G & 5G	
Bluetooth	BT4.2	
Navigation	GPS/Beidu/GLONASS	
NFC	Support	

CERTIFICATION	
Drop	1.5m
Ingress Protection	IP68
Certification	CE/FCC/MIL-STD 810H

OS	
OS	Android 8.1

50.7 mm

151.2 mm

76.3 mm

Wi-Fi
‹ Switch: ON ›

STANDARD ACCESSORIES

USB Cable

Power Adaptor

Belt Clip

Strap

Battery

Desktop Charger

OPTIONAL ACCESSORIES

Hand Microphone

Earphone

Programming Cable

Multi-Unit Charger

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Inrico is dedicated to poviding professional communication solutions to global users with quality & efficiency and enrich global wireless communications ecosystem. For more information about our products and solutions, please contact us or visit www.inricosolutions.com.