REALIX
Technologies UK Ltd



RxIS 02

IS Mobile Phone

The RxIS 02 featured IS phone is designed for maximum safety in the field and enhanced usability for first responders. It is engineered to operate safely in hazardous environments, keeping people safe and connected while they get their jobs done.

This phone is especially designed to work in a potentially explosive area and the waterproof feature, with very light housing and nice appearance adds to the overall usability of the model.

It's a powerful mobile phone for zone 1/21 with Android operating system. The rugged key-operated phone provides many technical advantages: WiFi, Android, amplified loudspeaker and SOS-key.

High-performing voice communications

Robust design delivers clear and mission-critical voice communications. It is designed and tested to meet global IS standards, ensuring safe operation in hazardous environments. The design enables use in challenging conditions and offers industry-leading audio clarity, superb usability, with safe and secure communications. Our mobiles are available with a wide range of features, giving public safety organisations more possibilities and creating more efficient networks.



ZONE 1/21

INTRINSICALLY SAFE
IECEx / Explosion Proof / ATEX Zone 1/21

HEALTH & SAFETY-SOS
SOS Button / (LWP/Man-Down) GPS, AGPS

OPERATING TEMPERATURE
-20°C to +55°C

OPERATING SYSTEM
Android 14

ULTRA-RUGGED
Dust and Waterproof (IP68)

4GB RAM + 64GB INTERNAL MEMORY
Micro SD Card up to 256GB

Realix Technologies UK Ltd | info@rxtech.co.uk

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CERTIFICATION

ATEX
II 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T130°C Db
Ta:-20°C to +55°C

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TECHNICAL DATA

MAIN CHARACTERISTICS

Operating System	Android 14
Processor	MediaTek Helio P35 (MT6765), Octa-cores, 2.2 GHZ 4G Chipset
Display	2.83" IPS, LCD, VGA, 480*640 Display With IK03 Rating Glove Touch Support Wet Hand Touch Support GFF, Multi Touch Support
Network	4G LTE
Frequencies	GSM: 850/900/1800/1900 WCDMA: B1/5/8 LTE: B1/3/5/7/8/18/19/20/26/28a&b/34/38/39/40/41
Memory	4GB RAM + 64GB Internal memory Micro SD Card up to 256GB

CONNECTIVITY

Blue-tooth	5.0
WiFi	Support Wi-Fi and Wi-Fi Hotspot, IEEE 802.11 ac/a/b/g/n, Dual Wi-Fi 2.4/5.0 GHz
Navigation	GPS/Beidou/GLONASS/AGPS/Galileo
SIM	Dual SIM With LTE Support

PHYSICAL CHARACTERISTICS

Ambient temperature	Operational range from -20°C to +55°C
Protection Class	IP68
Sensors	Light & Distance Sensor, Gravity Sensor, E-Compass, Gyroscope, Hall Sensor
Camera/s	13MP Rear and 8MP Front
Battery	4000mAh, 3.7V (Replaceable)
Standby	Standby Time: Up to 260 Hrs Talk Time: Up to 13 Hrs
Size	148 X 65 X 25 mm
Weight	313 g

