

Datasheet

COCOMM

FR2X82



Specs

Device type 4G LTE Rugged Phone

Screen
Size: 2.4" (touchscreen)
Type: TFT
Resolution: 240 x 320

Chipset Mediatek MT6739

Memory
RAM: 1 GB LPDDR3 (2 GB optional)
ROM: 8 GB (16 GB optional)
Micro SD: up to 128 GB

Operating system Android 8.1 (32 bits)

Network / Bands	GSM: 850/900/1800/1900 MHz UMTS: 850/900/2100 MHz LTE: 1/3/5/7/8/20/28/34/38/39/40/41
Antennas	Integrated within the terminal
Connectivity	Bluetooth 4.2 Wi-Fi 802.11 a/b/g/n (Supports Wi-Fi access point or Hotspot) NFC (Optional)
Positioning	GPS / Beidou GLONASS / A-GPS (Optional)
Data Service	LTE Cat 4: 150 Mbps (DL) / 50 Mbps (UL) HSPA+: 42.2 Mbps (DL) / 11.5 Mbps (UL)
Call Technology	VoLTE (High Definition Voice) VoWiFi (Voice and SMS over Wi-Fi networks)
Connectors	1 x 3.5 mm headphone jack 2 x Nano SIM card slot (4FF) 1 x microSD card slot 1 x USB Type-C connector for charging/data transfer/OTG
Audio	Speakers: 8Ω / 1.5W. Waterproof. Amplifier: Class K Microphone: Dual
Camera	Front Camera: 2 MP Rear Camera: 5 MP
Sensors	Gravity sensor Ambient Light & proximity sensor Geomagnetic sensor (Optional) Gyroscope (Optional)
Keyboard and Controls	Numeric Keypad Call Management: Answer, Hang Up Audio Controls: Volume Adjustment (+/-) Power Button Dedicated Push-to-Talk (PTT) button Multifunction rotary knob (channel selection) SOS Button
Languages	Configured by default in Spanish, English, French, and Portuguese Multi-language interface compatible with all native Android 8.1 languages

Rugged Features	IP Rating: IP68 Drop Test: 1.2m drop resistant MIL-STD: MIL-STD-810H compliant Battery locking mechanism with physical sliding switch (Prevents accidental battery removal)
Special Features	Push-to-Talk (PTT) over Cellular (PoC) support Compatible with professional communication platforms FOTA (Firmware Over-The-Air) Support: Remote software management to ensure automatic and secure wireless system maintenance
Other Features	SMS Call features: redial, hold, transfer, and conference calling for up to 6 participants Call services: fixed dialing, call forwarding, call waiting, call blocking FM radio Multimedia Built-in flashlight
Battery	Type: Li-ion (removable / replaceable) Nominal Voltage: 3.8 V Capacity: 4100 mAh Talk time: 18 hours Standby Time: 240 hours Charging Time: 2-3 hours
Operating Temperature	-10°C ~ 55°C
Operating Humidity	10% ~ 90%
Installation / Use	Handheld / Portable use Designed for industrial and outdoor environments Ergonomic design for one-handed operation
Material	ABS plastic
Color	Black
Certifications	CE RoHS
Dimensions	138,1 x 61 x 22,4 mm (see dimensions diagram)
Weight	231,5 g

Sales Package Contents

- 1x Terminal
- 1x Battery
- 1x Charger
- 1x USB Type-C Cable
- 1x Belt clip
- 1x Quick Guide
- 1x Warranty Card
- 1x Base with USB Type-A Cable (Optional)

Dimensions

