

EVOLVE

HANDHELD LTE DEVICE



BUILT FOR BUSINESS AND MISSION-CRITICAL ENVIRONMENTS

THE EVOLVE HANDHELD LTE DEVICE COMBINES INTUITIVE USER EXPERIENCE AND OPEN PLATFORM ARCHITECTURE WITH THE RUGGEDNESS AND RELIABILITY EXPECTED OF A CRITICAL COMMUNICATIONS DEVICE.

EVOLVE ENABLES SEAMLESS COMMUNICATIONS ACROSS DIFFERENT LOCATIONS AND NETWORKS.

KEY FEATURES

RESILIENT AND RUGGED

- Dustproof and submersible IP68
- Glove operable touch screen
- Built to withstand repeated drops
- Long life and replaceable battery

SEAMLESS CONNECTIVITY

- 3G, 4G, Wi-Fi
- Dual SIM capability
- Ideal companion for WAVE PTX™

MISSION-CRITICAL

- Dedicated emergency and PTT buttons
- Loud, clear audio
- Superior background noise cancellation
- MIL-STD-810

OPEN ARCHITECTURE

- Android platform
- Open app ecosystem
- Centralised device management

INTUITIVE USER EXPERIENCE

- Simple interface
- 5" touch screen
- Front and rear facing cameras



CONNECTIVITY

LTE Bands	1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 21, 28, 42, 43, 48 UMTS: 1, 2, 5, 8
Bluetooth	Bluetooth 5.0 + LE +BR/EDR
Location	GNSS (GPS, Galileo & Beidou) and AGPS
Wi-Fi	2.4GHz and 5GHz
Wi-Fi Standard	802.11 a/b/g/n/k/r
Wi-Fi Hotspot Band	2.4GHz

SOFTWARE

Operating System	Android 10.0, Android Enterprise
Google Mobility Services	Enabled

VIDEO AND IMAGING

Supported Formats	MPEG4, H.264, MP3, AAC, AMR, JPG, PNG, GIF <ul style="list-style-type: none">Encode Type: MPEG4, H.264-MP, H.265 (HW Accelerated)Decode Type: H.265Video Param: H.264-BP, H.264-MP, MPEG-SP (VGA to 1080p HD, @60fps at minimum) Supported for playback, streaming, and recording
Supported File Types	3GPP (.3gp), MPEG-4 (.mp4), WebM (.webm), (.mkv)
Video Recording Quality	1080p (FHD) at 60 fps

ENVIRONMENTAL

Operating Temperature	-10°C to +60°C
Storage Temperature	-40°C to +85°C
Ruggedness	IP68 (2 metres underwater for 2 hours with AJ/USB/Battery covers fully closed) MIL-STD-810

PHYSICAL

Dimensions (HxWxD) with Standard Battery	154 x 78 x 17 mm (18.5 mm Speaker area)
Dimensions (HxWxD) with High Capacity Battery	154 x 78 x 22.5 mm (18.5 mm Speaker area)
Weight with Standard Battery	350g
Weight with High Capacity Battery	400g

HARDWARE

Display	5.0 in (127 mm), 1280 x 720 px Capacitive touch-screen with Gorilla Glass 3
Memory	4 GB RAM 64 GB Internal Storage Storage is expandable with external 128 GB microSD™ card
Camera	Rear 13 MP Auto focus High-output LED flash Digital zoom Front 8 MP
Built-in sensors	Proximity sensor Ambient light sensor Accelerometer Barometer Gyroscope E-Compass
Ports	Micro USB 2.5 mm audio jack
Knob/Buttons	Dedicated PTT button Dedicated emergency button Talkgroup rocker switch 3 programmable buttons Volume knob with power switch Home, back, and recent buttons
Charging	Contacts on side, micro USB
SIM	2 x micro-3FF, dual SIM (DSDS)

BATTERY

Capacity	Standard Capacity: 2900mAh [Non-UL] High Capacity: 5800 mAh [UL]
Battery life	Standard Battery: 12 hrs 5:5:90 minimum High Capacity Battery: 24 hrs

SECURITY

Root Detection	Standard
Multi-Factor Authentication	Optional
Mobile Virtual Private Network	Optional
Remote Configuration	Trusted 3rd party provided
OTA Firmware and Software Upgrades	Trusted 3rd party provided
Application Whitelisting	Trusted 3rd party provided
Over-the-Air Wipe and Lock	Trusted 3rd party provided
Integrity Monitoring	Standard
Malware Blocking	Standard

AUDIO

Input	Three microphones for superior noise suppression and echo cancellation
Output	2W top-rear-firing loudspeaker Loudness level : 97 dB Phon at 30 cm
Audio Formats	AMR-NB/WB, AAC-LC (96-128 kbps), EVS



**EVOLVE
HANDHELD
LTE
DEVICE**

INTRINSICALLY SAFE

Device is Intrinsicly Safe when used with Motorola Solutions Battery LTE UL Group 1.

Intrinsic Safe rating applies to specific model.

HAZ LOC is certified by UL to standard UL 913 5th Edition.

Classification Rating Class I, Division 1, Groups C, D; Class II Group E, F, G; Class III and Class I, Division 2, Groups A, B, C, D. T3C. Tamb = -20°C to +60 °C.

For more information, please visit www.motorolasolutions.com/Evolve

Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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