

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, Glonass & 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**

EVOLVE-I INTRINSICALLY SAFE

Device is intrinsically safe when used with Motorola Solutions Battery LTE UL Group 1.

Intrinsic Safe rating applies to Evolve-i 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.

Motorola Solutions Australia & New Zealand PTY LTD, 10 Wesley Court, Tally Ho Business Park, Burwood East, Victoria 3151 motorolasolutions.com
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