

# 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<br>UMTS: 1, 2, 5, 8 |
| Supported WCDMA    | 1, 2, 5, 8  |
| Bluetooth          | Bluetooth 5.0 + LE +BR/EDR  |
| Location           | GNSS (GPS, Galileo and 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"><li>Encode Type: MPEG4, H.264-MP, H.265 (HW Accelerated)</li><li>Decode Type: H.265Video Param: H.264-BP, H.264-MP, MPEG-SP (VGA to 1080p HD, @60fps at minimum)</li></ul> 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)<br><br>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<br>64 GB Internal Storage<br>Storage is expandable with external 128 GB microSD™ card   |
| Camera           | Rear 13 MP<br>Auto focus<br>High-output LED flash<br>Digital zoom<br>Front 8 MP  |
| Built-in sensors | Proximity sensor<br>Ambient light sensor<br>Accelerometer<br>Barometer<br>Gyroscope<br>E-Compass   |
| Ports            | Micro USB<br>2.5 mm audio jack   |
| Knob/Buttons     | Dedicated PTT button<br>Dedicated emergency button<br>Talkgroup rocker switch<br>3 programmable buttons<br>Volume knob with power switch<br>Home, back, and recent buttons |
| Charging         | Contacts on side, micro USB  |
| SIM              | 2 x micro-3FF, dual SIM (DSDS)   |

## BATTERY

|              |  |
|--------------|--|
| Capacity     | Standard Capacity: 2900mAh<br>High Capacity: 5800 mAh                    |
| Battery life | Standard Battery: 12 hrs 5:5:90 minimum<br>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<br>Loudness level : 97 dB Phon at 30 cm |
| Audio Formats | AMR-NB/WB, AAC-LC (96-128 kbps), EVS                                   |



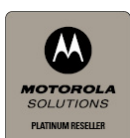
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HANDHELD  
LTE  
DEVICE**

For more information, please visit [www.motorolasolutions.com/Evolve](http://www.motorolasolutions.com/Evolve)

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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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