The evolve smart handheld 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 use on an exclusive spectrum (CBRS). Evolve is also available in an intrinsically safe model for users who need reliable communications in hazardous environments.

**EVOLVE AT A GLANCE**

**2 MODELS AVAILABLE**
- Standard model
- Intrinsically safe model

**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
- MIL-STD-810

**OPEN ARCHITECTURE**
- Android platform
- Open app ecosystem
- Centralized device management

**INTUITIVE USER EXPERIENCE**
- Simple interface
- 5" touch screen
- Front and rear facing cameras
**HARDWARE**

Models
- Standard model
- Intrinsically safe model

Display
- 5.0 in (127 mm), 1280 x 720 px
- Capacitive touch-screen with Corning® 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

Knobs/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)

**PHYSICAL**

Physical
- Standard model with standard battery: 6.06 x 3.07 x 0.73 in (154 x 78 x 18.5 mm)
- Standard model with high-capacity battery: 6.06 x 3.07 x 0.89 in (154 x 78 x 22.5 mm)

Dimensions (HxWxD)
- Standard model with high-capacity battery: 6.06 x 3.07 x 0.89 in (154 x 78 x 22.5 mm)

Weight
- Standard model with standard battery: 11.8 oz (333 g)
- Standard model with high-capacity battery: 13.9 oz (395 g)
- Intrinsically safe model with high-capacity Hazloc battery: 13.9 oz (395 g)

**CONNECTIVITY**

LTE Bands
- 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 21, 26, 42, 43, 48
- UMTS: 1, 2, 5, 8

Supported WCMA
- 1, 2, 5, 8

Bluetooth
- Bluetooth 5.0 + LE + BR/EDR

Location
- GNSS (GPS, Galileo and Glonass), BeiDou and AGPS

Wi-Fi
- 2.4 GHz and 5 GHz

Wi-Fi Standard
- 802.11 a/b/g/n/ac/r/k/v

Wi-Fi Hotspot Band
- 2.4 GHz

**SOFTWARE**

Operating System
- Android™ 10.0
- Android Enterprise

Google Mobility Services
- Enabled

**VIDEO AND IMAGING**

Supported Formats
- MPE4, H.264, MP3, AAC, AMR, JPG, PNG, GIF
- Encode Type: MPE4, H.264-MP, H.265
- (HW Accelerated)
- Decode Type: H.264 Video
- Param: H.264-8P, H.264-MP
- MPEG-SP (VGA to 1080p HD, @60fps at minimum)
- Supported for playback, streaming, and recording

Video Recording Quality
- 1080p (FHD) at 60 fps

**AUDIO**

Input
- Three microphones for superior noise suppression and echo cancellation

Output
- 2W top-rear-firing loudspeaker
- 97 dB Phon at 30 cm

Audio Formats
- AMR-NB/ML
- AAC-LC (96-128 kbps), EVS

**BATTERY**

Capacity
- Standard model with standard battery: 2900 mAh
- Standard model with High-Capacity battery: 5800 mAh
- Intrinsically safe model with High-capacity Hazloc battery: 5800 mAh

**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

Allowed Application List
- Trusted 3rd party provided

Over-the-Air Wipe and Lock
- Trusted 3rd party provided

Integrity Monitoring
- Standard

Malware Blocking
- Standard

**ENVIRONMENTAL**

Operating Temperature
- 14°F to 140°F (-10°C to +60°C)
- Intrinsically safe model: -4°F to 140°F (-20°C to +60°C)

Storage Temperature
- -40°F to 185°F (-40°C to +60°C)

Ruggedness
- IP68 (2 metres underwater for 2 hours with AJ/USB/Battery covers fully closed)

**INTRINSICALLY SAFE MODEL FOR HAZARDOUS LOCATIONS**

Gas Hazardous Locations
- Class I, Division 1, Groups C, D
- Classification Rating Class I, Division 1, Groups A, B, C, D
- TAMB Temperature: -4°F to +140°F (-20°C to +60°C)

Dust Hazardous Locations
- Class II, Division 1, Groups E,F,G
- Classification Rating Class I, Division 2, Groups A, B, C, D
- TAMB Temperature: -4°F to +140°F (-20°C to +60°C)

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

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 motorolasolutions.com

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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