EVOLVE SMART HANDHELD DEVICE

BUILT FOR BUSINESS AND MISSION-CRITICAL ENVIRONMENTS

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 networks.

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 INTRINSICALLY SAFE

- 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
- Centralised 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	
Dimensions (HxWxD)	Standard model with standard battery: 154 x 78 x 18.5 mm Standard model with
	high-capacity battery: 154 x 78 x 22.5 mm
	Intrinsically safe model' with high-capacity Hazloc battery: 154 x 78 x 22.5 mm
Weight	Standard model with standard battery: 333g
	Standard model with high-capacity battery: 395g
	Intrinsically safe model' with high-capacity Hazloc battery: 395g

LTE Bands1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 21, 28, 42, 43, 48 UMTS: 1, 2, 5, 8Supported WCDMA1,2,5,8BluetoothBluetooth 5.0 + LE +BR/EDRLocationGNSS (GPS, Galileo and Glonass), BeiDou and AGPSWi-Fi2.4 GHz and 5 GHzWi-Fi Standard802.11 a/b/g/n/ac/t/k/vBand2.4 GHzSOFTWAREAndroid™ 10.0 Android EnterpriseGoogle Mobility ServicesEnabledVIDEO AND IMAGINAWPEG4, H.264, MP3, AAC, AMR, JPG, PNG, GIF Encode Type: MPEG4, H.265 (HW Accelerated)Supported FormatsDecode Type: H.265 VideoSupported File TypesSupported for playback, streaming, and recordingSupported File Types3GPP (.3gp), MPEG-4 (.mp4), WebM (.webm), (.mkv)Video Recording Quality1080p (FHD) at 60 fpsInputThree microphones for superior noise suppression and echo cancellationAudio FormatsAMR-NB/WB, AAC-LC (96-128 kbps), EVS	CONNECTIVITY		
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	Output	Loudness level:	
	Audio Formats		

BATTERY	
	Standard model with standard battery: 2900 mAh
Capacity	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	Standard model -10°C to +60°C
Temperature	Intrinsically safe model' -20°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-810G
INTRINSICALLY SA HAZARDOUS LOCA	
Gas Hazardous Locations Classification Rating	Class I, Division 1, Groups C, D; Class I, Division 2, Groups A, B, C, E
TAMB Temperature	-20°C to +60°C
Dust Hazardous Locations	Class II, Division 1, Groups E,F,G

¹When using the intrinsically safe Evolve model and Motorola Solutions UL approved battery, the intrinsically safe Evolve model is UL approved to 913_5 for use in Hazardous Locations. 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

-20°C to +60°C

Class III

Classification Rating

TAMB Temperature

For more information, please visit **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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