

PRELIMINARY



LMC-1000

LTE MOBILE COMMUNICATOR

DESIGNED FOR THE DEMANDING NEEDS OF MISSION-CRITICAL COMMUNICATIONS

The LMC-1000 is a rugged Android™ device designed for the demanding needs of public safety and mobile security operations. With a sleek and light-weight design, the unit is ideal for daily operations and covert situations. The LMC-1000 incorporates advanced security and management features to ensure the integrity of the device.

FEATURES

Full high-definition touch screen, glove usable, functional in sunlight and in wet conditions.

High-performance speakers with multiple microphones and active noise cancellation to provide clear audio in noisy environments.

Enhanced security with dedicated security hardware.

FIPS 140-2 Level 3 cryptography services.

Dedicated PTT button and key press for emergency/distress signal.

COMMERCIAL CELLULAR CAPABLE AND FIRSTNET® READY

With support for commercial carrier broadband networks and the FirstNet National Public Safety Broadband Network, the LMC-1000 allows public safety agencies to take advantage of commercial network services today, and access FirstNet services as they become available.

ADVANCED CAPABILITIES

Powered by an industry-leading 2.3-GHz Quad-core Intel® processor combined with an Android operating system, the LMC-1000 can support a wide variety of third-party applications, a range of sensors, Bluetooth®, and Wi-Fi®.

CONVERGED PUBLIC SAFETY COMMUNICATIONS

Paired with the Harris BeOn® application, public safety's most advanced P25 PTT application, the LMC-1000 allows users to exchange text messages and pass real-time location and presence information between connected team members. This includes individual or group texting and access to information needed to coordinate incident responses. With BeOn, the dedicated PTT button can be used even when the LMC-1000 is in locked mode.

DESIGNED FOR EXTREMES

With its extremely durable cast magnesium unibody frame, the LMC-1000 is designed for severe conditions.

GENERAL SPECIFICATIONS

- Dimensions (L x W x D):
5.55 x 2.97 x 0.53 in.
(141 x 75.5 x 13.5 mm)
- Weight: 6.35 oz (180g)
- Operating System: Android 5.1
- Charging Power: 2420 mAh standard capacity Li-Ion removable battery, rechargeable via fast charging USB 3.0
- Processor: 2.3 GHz Quad core Qualcomm® MSM8974AB
- Internal Memory:
 - 2 GB LPDDR2 memory
 - 16 GB eMMC Mass Storage
 - MicroSD up to 64 GB
- Display: 5.0 in. sunlight optimized full HD, 1080 x 1920 LCD, glove-usable capacitive touch, functional in wet conditions
- Cameras:
 - Rear: 8 MP w/autofocus & LED flash
 - Front: 2 MP
 - Full HD video capture & playback
- Sensors:
 - 3D Gyroscope/Accelerometer/Magnetometer
 - Proximity sensor
 - Ambient light sensor
 - Barometer
- Audio:
 - High-performance dual internal speakers
 - Multiple noise cancelling microphones
- Video: Playback, Capture, Video Streaming
- Physical Interfaces: Dedicated PTT button, Volume Up/Down buttons, USB 3.0, 3.5 mm headset connector

About Harris Corporation

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments from ocean to orbit and everywhere in between. Harris has approximately \$8 billion in annual revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

RUGGED AND RELIABLE DESIGN

LTE

3GPP Release 10
FirstNet Ready (B14) and capable to roam US carriers
Other Bands Supported: B1, B3, B5, B7, B8, B20, B28
UMTS/HSPA Bands US 2/4/5
EU/APAC 1/8
GSM/GPRS/Edge 850/900/1800/1900 MHz
FDD Cat 4, DL 150 Mbps, UL 50 Mbps
IMS/VoLTE ready
Carrier Aggregation

INTERFACES

Connection Interfaces:	USB 3.0 Line Level Audio Interfaces
External Memory Interface:	Secure Digital (SD) Card
Wireless Interface:	IEEE 802.11 a/b/g/n/ac/r Bluetooth 4.0 Wireless display (Miracast® compliant) aGPA/Glonass; iZat® indoor positioning NFC
	Dual SIM Card Support

REGULATORY AND ENVIRONMENTAL

FCC Certification:	Pending
CE Certification:	Pending
US Carrier Certification:	Pending
Ingress Protection (Dust and Water, 1m/30 min):	IP67
Operating Temperature Range:	+14 to 131°F (-10 to +55°C)
Military Standard:	MIL-STD-810G

To be provided upon receipt of FCC, Industry Canada, and European type approvals. This equipment is subject to the FCC rules. The equipment will comply with the appropriate rules before delivery to the buyer.

This device is not, and may not be, offered for sale or lease, or sold or leased, until the approval of the FCC has been obtained.

Technical specifications are subject to change without notice. Product sales are subject to applicable U.S. export control laws.

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