



L3HARRIS®
FAST. FORWARD.

MC-3000I

Mobile Command Intercom

INTERFACES

Audio, Single-Ended	0 dBm at 600 ohms
Audio, Balanced	0 dBm at 600 ohms
Radio PTT	Optically isolated normally open
Radio Data	RS-232 PPP, USB RNDIS, Ethernet, 10/100 Base-T
Radio Console Port	RS-232
Ethernet	10/100/1000 Base-T
Protocols	TCP, UDP, RTP
System Interfaces	Ethernet, USB, OTG, Serial, GPIO
Console Port	RS-232 at 115.2 KB
Codec	G.711, G.729, G722

POWER

Power Input	10.5-36 VDC per MIL-STD-1275E or POE+
Power Consumption	15 watts nominal each crew station

PHYSICAL

Dimensions	KD: ~6.53 H x ~4.83 W x ~3.05 D in (~16.59 H x ~12.27 W x ~7.75 D cm) RD: ~6.53 H x ~4.83 W x ~3.3 D in (~16.59 H x ~12.27 W x ~8.38 D cm)
Mounting	Hard mounted
Weight	KD: ~4 lbs (~1.81 kg) RD: ~4 lbs (~1.81 kg)
Color/Finish	MC-3000I, Green per FED-STD-595B 34094 Tan per FED-STD-595B 33446

ENVIRONMENTAL

Temperature, Operating	-22°F to +140°F (-30°C to +60°C) per MIL-STD-810H 501.7 Proc II and 502.7 Proc II
Temperature, Storage	-40°F to +160°F (-40°C to +71°C) per MIL-STD-810H 501.7 Proc I and 502.7 Proc I
Immersion	1 meter per MIL-STD-810H 512.6 Proc I
Altitude, Operating	15,000 ft per MIL-STD-810H 500.6 Proc II
Altitude, Storage	40,000 ft per MIL-STD-810H 500.6 Proc I
Shock	MIL-STD-810G 516.6 Transit Drop MIL-STD-810H 516.8 Crash Hazard
Vibration	MIL-STD-810H 514.8 Proc I Cat 20, Proc II Cat 5
Humidity	0 to 95% per MIL-STD-810H 507.6 Proc II



The L3Harris MC-3000I is engineered to enhance user experience, simplifying deployment and operation in the field for seamless system operation, integration, and management. Being a decentralized distributed system allows flexibility in system design and reduced cost of the overall system.

The MC-3000I platform utilizes an embedded ARM processor as its core and supports connection to radios and ancillary devices utilizing common interfaces that include Ethernet, USB, serial, audio, Wi-Fi, Bluetooth, DC power and GPIO (general-purpose input/output).

The L3Harris MC-3000I is interoperable with the L3Harris Falcon® family of tactical radios, as well as other military, government and commercial devices. The modular, customizable design makes the system easy to install and configure based on the specific needs of the mission.

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EMI/EMC	
EMI	CS101, CE102, RE102, CS114, CS115, CS116 per MIL-STD-461G

STANDARD KIT INCLUDES	
MC-3000I	Mobile Command Intercom
MC-3000I-KD	Keypad display user access module
MC-3000I-RD	Rotary dial user access module
MC-3000I-RG (roadmap)	Radio gateway, 4-channel
MC-3000I-SUA (roadmap)	Software user application

OPTIONAL ACCESSORIES
Radio cables
Ethernet/USB cables
Handsets and headsets
Speakers
Power cables

See L3Harris Product Catalog for additional information



MC-3000I

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1025 W. NASA Boulevard
Melbourne, FL 32919

[L3Harris.com](https://www.l3harris.com)