LM75

Compact Rugged
Multi-band MCX Device

LM75 Mission-Critical 4G/5G, 450MHz & DMO device is designed with first responders in mind.

CYBERTEL bridge

LM75

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◥ RELIABLE MISSION-CRITICAL NETWORK COVERAGE

LM75 Mission-Critical 4G/5G, 450MHz & DMO device is designed with first responders in mind.
It features a rugged, user-friendly design with a loud and clear audio system, as well as an end-to-end secure mobile platform solution.
LM75 is designed for mission-critical industries such as public safety, railway, defense, and utility communications.

Ergonomic Form Factor

LM75 is designed with intuitive controls that allow users to keep their eyes on the situation.

· Large and intuitive Push-To-Talk button and dedicated
  Emergency button.
· Programmable hard key offers shortcut access to desired and
  frequently used features.
· User-driven and tested, lightweight design brings comfort during
  day-to-day operations.

Outstanding Audio Quality

LM75 is engineered to deliver clear and powerful audio, even in harsh environments.

· Front-facing dual speakers deliver sound at 108dB
· Background noise cancellation ensures better clarity in noisy
  surroundings.
· ANC (Active Noise Cancellation) technology suppresses feedback
  from nearby devices.

Outperforms in Harsh Environments

LM75 offers ruggedness while maintaining a slim form factor, without compromising on either.

· Built to Industry standards; MIL-STD-810G for Drop and
  Shock resistance.
· Waterproof from the Inside Out: IP68 rated.

Secure Mission-Critical Operations

LM75 is designed to perform reliably in the most demanding environments, ensuring robust operation during critical tasks.

· Supports broadband networks, including 5G and 450 MHz
  frequency for utility and defense sectors.
· DMO mode allows communication when the primary network is
  temporarily unavailable.
· Features a field-replaceable battery for all-day operation.

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📎 5G & 450MHz SUPPORT

· Innovative MCX Device to Support 5G & 450MHz
· Enhanced network coverage with an extended antenna
· Full-day operation with smart battery management

Form Factor
· Intuitive & Independent functional design
· IP68, MIL-STD 810G
· 1.5m drop certified

PTT Sound
· Qualcomm Fluence Pro™
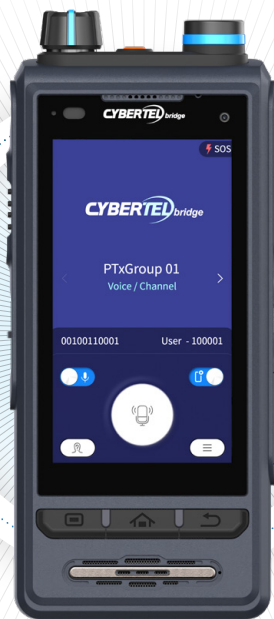· Active noise cancellation
· Front-facing loudspeaker

Application Compatibility
· Custom-built MCX software & device
· Preloaded voice applications

Maintenance
· Expectable service
· Reasonable cost
· User-friendly hotline

All Day Operation
· Smart battery management
· Replaceable battery

Network Coverage
· Dual SIM, Dual standby
· DMO mode (optional)

Latest Platform
· Qualcomm QCM6490
· Qualcomm direct license

Accessories
· Wide range of industrial accessories

Security
· Extended Android security update
· Well-defined security roadmap

📐 ACCESSORIES

Desktop Charger	**6-Bay Multicharger**	**Standard/Extended Battery**
Wired RSM	**Wired Ear Mic**	**Belt-Clip**

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🔷 DEVICE OVERVIEW

Emergency Button

Rotary Knob

Power Button

PTT Button

Volume Button

3 Watt Loud Speaker

3.5mm Ear Jack

Rear Camera

UDC Accessory Port

Programmable Button

USB C Port

Battery Lock

🔷 SPECIFICATIONS

System	Qualcomm QCM6490 (Octa core up to 2.7GHz)
Memory	8GB RAM / 128GB ROM
OS	Android 13 (FOTA upgradable)
Display	· 3.5 Inch HD (720x1080) · Glove and wet touch supported
Network	5G n1, 2, 3, 5, 7, 8, 12, 20, 25, 28, 38, 40, 41, 66, 71, 77, 78, 79 4G B1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 18, 19, 20, 25, 26, 28, 29, 30, 31, 32, 34, 38, 39, 40, 41, 66, 71, 72, 87 DMO 400-470MHz (optional)

Ruggedness	IP68, 1.5m drop, MIL-STD 810G
Form factor	68.4 x 149.8 x 29.9mm / 326.5g
Speaker	· 3 Watt(Front) · Active Noise Cancellation

Rechargeable Li-ion Polymer Battery	· STD 3.85V $=$ 5200mAh
	  (7.7V $=$ 2400mAh for DMR)
	· EXT 3.85V $=$ 8000mAh
	  (7.7V $=$ 4000mAh for DMR)

Accessories	· Desktop Charger, 6-Bay Multicharger · Belt-Clip · Wired RSM · Wired Ear Mic · Standard/Extended Battery

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