Data Sheet | EMEA | LACR | APAC

LEX L30

Mission critical smartphone

When hardware, software, and accessories work seamlessly together, the result is a device that works effortlessly for you.

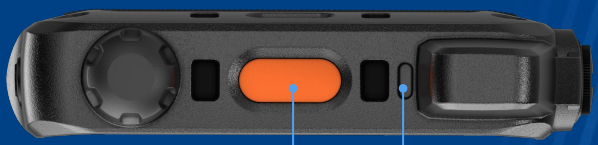
Introducing the LEX L30 mission critical smart device, designed with public safety users in mind. Every feature and function has been thoughtfully considered in this rugged device to make it easy to operate. It boasts loud and clear audio, intuitive operation, and long battery life.

Rugged and durable yet streamlined and slim, the LEX L30 performs when it's needed most.



MOTOROLA SOLUTIONS

Mission critical controls



Large dedicated Emergency button

LED indicator



5G/LTE/GPS Stubby antenna

Volume and talkgroup control knob

Lanyard / hand strap attachment

Top front microphone

13MP Front camera

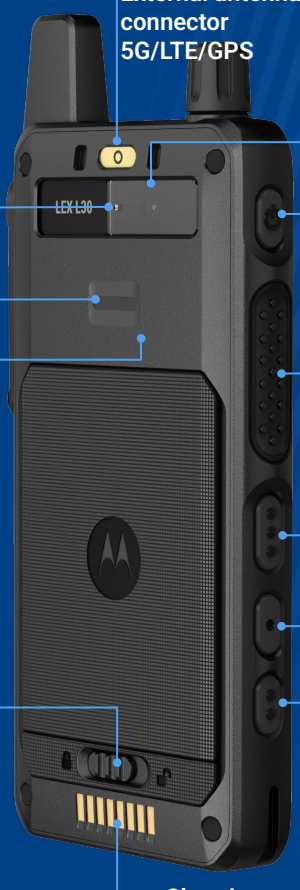
Dust cover

Large 5.5" display

Two front facing loudspeakers

Bottom front microphone

USB-C



External antenna connector 5G/LTE/GPS

50MP Rear camera

Rear microphone

Power button

Fingerprint sensor

NFC Reader

Prominent PTT button

Three programmable buttons

Battery latch

Charging contacts

CONNECTIVITY

Bands	**5G**: n1, n2, n3, n5, n7, n8, n20, n26, n28, n38, n40, n41, n66, n77, n78, n79
	4G: 1, 2, 3, 4, 5, 7, 8, 19, 20, 26, 28, 38, 39, 40, 41, 42, 43, 66, 68
	3G: 1, 2, 4, 5, 8
Bluetooth	Bluetooth 5.4
GPS	GPS L1/L5, Assisted GPS (aGPS), QZSS, GLONASS, GALILEO, BEIDOU.
NFC	Reader/writer mode Peer-to-peer mode Card emulation mode UICC SE is supported for card emulation mode
Wi-Fi: operating band	2.4 GHz, 5 GHz, 6 GHz
Wi-Fi: standards	802.11 a/b/g/n/ac/k/r/ax, Wi-Fi 6/6E
WiFi: modes	Wi-Fi client, Wi-Fi AP, Wi-Fi calling, Wi-Fi Direct
MC PTT QCI support	QCI-65 (MC voice), QCI-66 (Non-MC voice), QCI-69 (MC signalling), QCI-70 (MC data), QCI-67 (MC Video)
eMBMS	Supported
Additional modem features and capabilities	5G NSA/SA: supported
Certifications	GCF, 3GPP Rel-16 compliant

SOFTWARE

Operating system	Android™ 16 at launch
Google Mobility Services	Enabled
Google approvals	Android Enterprise Recommended (AER) (Includes Zero-Touch Enrollment)
Remote configuration	Via MDM / EMM and LEX OEMConfig app
OTA firmware and software Upgrades	Via MDM / EMM or Google OTA (G-OTA)
Allowed application list	Configurable via MDM / EMM policy
Over-the-air wipe and lock	Supported via MDM / EMM
Resource management	Configurable via MDM, including applications, Wi-Fi, Bluetooth®, camera, etc.

VIDEO AND IMAGING

Supported Video Codecs	H.263, H.264, VP8, AV1, APV (playback & recording); H.265 HEVC, MPEG-4 SP, VP9 (playback only)
Supported Video File Types	3GP (.3gp), MPEG-4 (.mp4), Matroska (.mkv), MPEG-TS (.ts, AAC audio only), Webm (.webm)
Video Recording Quality	4K (UHD) at 30 fps[1] 1080p (FHD) at 60 fps 1080p (FHD) at 30 fps 720p (FHD) at 30 fps

AUDIO

Input	Three microphones for superior noise suppression and echo cancellation
Output	112 dB SPL at 5 cm 98 dB phon at 30 cm
Audio Codecs/Formats	PCM, AAC/AAC+/eAAC+, AMR NB/WB/UWB, FLAC, Vorbis.

SECURITY

Multi-Factor Authentication	Fingerprint
Firmware Integrity (Secure Boot)	Included
Storage Encryption (FBE)	Included
Hardware-Isolated Trusted Execution Environment (TEE)	Included
Vulnerability Eliminating Design (Rust)	Included

BATTERY

Capacity	4950 mAh field-swappable IMPRES™2 battery
Battery Life	>15 hours Profile: 5% Tx 35% Rx 24% display on/data browsing 36% idle with GPS

INTEGRATIONS

Remote control of the Motorola TETRA radios	LEX L30 is compatible with the M-Radio Control application for remote control of the radio

[1] This feature requires an additional software licence. Please check with your local Motorola Solutions representative for full details.

HARDWARE	
Display	5.5” (140 mm) LCD FHD, 2160 x 1080 capacitive touch-screen with Gorilla® Glass Victus Gloved operation support up to 2.5 mm thickness
Memory	8 GB RAM 128 GB internal storage. Storage is expandable with microSD™ card (up to 1TB)
Chipset	Qualcomm QCM6690 5G platform
Camera	Rear 50 MP Auto-focus High-output LED flash Digital zoom Front 13 MP
Sensor Platform	Fingerprint sensor Proximity sensor Ambient light sensor Accelerometer Barometer Gyroscope E-Compass
Ports	USB-C, mini-GCAI audio, microSD card, Charging and RF pins
Mission Critical Buttons	Dedicated PTT button Dedicated emergency button Dual function rotary knob for volume and channel control Three dual-function programmable buttons Power button
SIM	Dual SIM: eSIM + nano-SIM OR nano-SIM + nano-SIM
Charging	USB-C power delivery charging (with fast charge wall adapter), Docking charging via POGO pins

ENVIRONMENTAL	
Operating Temperature	-20°C to 60°C Battery charges between 0°C and 45°C
Storage Temperature	-40°C to 85°C
Humidity (condensation and high), temperature change, operating temperature low and high temperature	ETSI 300 019-1-7 class 7.3E
Shock (bumps and shock) and random vibration	ETSI 300-019 1-7 class 7M3
Dust and water ingress protection	IEC 60529 IP68, 2 m depth for 2 hours. Device standalone, battery and device with battery
Ball Impact	Steel ball 130 g, 32 mm diameter, 50 cm on the display
Lab accreditation	ISO/IEC 17025:2017

PHYSICAL	
Dimensions, H x W x D mm, including battery	Excluding antenna: 160 x 78 x 18.55 mm Including antenna: 184 x 78 x 18.55 mm
Weight, with battery	345 g

SERVICE COVERAGE	
Services Packages	3 years of Essential Software services are included as standard. Additional services are available.
Security updates and Service support	5 years of security updates and service support from the day of your purchase

MILITARY STANDARD MATRIX

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G		MIL-STD 810H	
Applicable MIL-STD	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat	Method	Proc/Cat
Low pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.6	II	500.6	II
High temp	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.6	I/A1, II/A1	501.7	I/A1, II/A1
Low temp	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II	502.6	I, II	502.7	I, II
Temp shock	503.1	I	503.2	A1/C3	503.3	A1/C3	503.4	I	503.6	I-C	503.7	1-C
Solar radiation	505.1	II	505.2	I/A1	505.3	I/A1	505.4	I/A1	505.6	I/A1	505.7	I/A1
Humidity	507.1	II	507.2	II	507.3	II	507.4	-	507.6	II/ Aggravated	507.6	II/ Aggravated
Salt fog	509.1	I	509.2	I	509.3	I	509.4	-	509.6	-	509.7	-
Blowing dust & sand	510.1	I / -	510.2	I, II	510.3	I, II	510.4	I, II	510.6	I, II	510.7	I, II
Vibration	514.2	VIII/CatF, XI	514.3	I/Cat10, II/Cat3	514.4	I/Cat10, III/Cat3	514.5	I/Cat24, II/Cat5	514.7	I/Cat24, II/Cat5	514.8	I/Cat24, II/Cat5
Shock	516.2	I, II	516.3	I, IV	516.4	I, IV	516.5	I, IV	516.7	I, IV	516.8	I, IV

Learn more at: **www.motorolasolutions.com/lexl30**

MOTOROLA SOLUTIONS

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These models available in Motorola Solutions APAC/EMEA/LACR regions only. Availability varies and 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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