

EMEA

LACR

APAC

V500 Body Camera

Effortless connectivity.
Reliable insights.



In public safety, staying connected isn't a luxury — it's a necessity.



Whether you're saving time by offloading evidential video in the field, or coordinating critical backup by streaming video of an unfolding incident to a supervisor, it's crucial to have connectivity that you can rely on.

The V500 is an evolution and refinement of our existing body camera platform, housing dependable LTE, WiFi and Bluetooth capabilities inside an ergonomic design for ultimate usability in any environment — so you can improve safety, transparency and accountability in your community, wherever you are in the world.

But it's more than just a body camera; it's also a key building block in the Motorola Solutions public safety ecosystem, enabling you to make operations safer and more efficient by effectively leveraging existing video, voice and software investments.

→ Understand events as they unfold

See what your officers see in real time to improve situational awareness, coordinate a more effective response and maintain accountability — no matter where you're based.

→ Capture incidents easily

Feel confident that you'll always be able to quickly record crystal-clear evidential video when it matters most.

→ On-demand offload, lighter workload

Start building your case sooner. Obtain footage over LTE while officers are still in the field, or use the Smart Dock's rapid offload functionality at the end of a shift.

→ Manage hardware from anywhere

Deploy your cameras how you want, and minimise downtime with remote management while officers are at work.

→ Transform intelligence into evidence

Go beyond the body camera. Leverage the power of the end-to-end Motorola Solutions technology ecosystem to keep your officers, and the public, safe.



V500 BODY CAMERA

Key Specifications

VIDEO		BATTERY	
Resolution	1920 x 1080p, 1280 x 720p, 640 x 360p	Runtime	12 hours ³
Image Sensor	0.1 lux	Recharge Time	<4 hours
Frame Rate	25 or 30 frames per second	Charging Port	USB-C
Field of View	H: 130°, V: 71°, D: 150°		
Storage	128GB	SECURITY	
Format	H.264	Video Download	Encrypted keys specific to backend software instance TLS connectivity to backend software
Pre- and Post-Recording	Up to 2 minutes pre- and post-incident buffer	Live Connectivity	TLS connectivity to backend software
Recording Status Notification	Vibration; Visual (LEDs and display); Audible	USB Connectivity	Cannot be accessed as a USB storage device
Recording Reminder Notification	Audible	Audit Trail	Usage, operations and recording details are all audit-logged and indexed
		Footage	AES-256 encrypted at rest and in transit
AUDIO		HARDWARE	
Microphones	3	Weight	205 g (7.2 oz)
Format	AAC	Dimensions	95.5 x 74 x 26.5 mm (3.8 x 2.9 x 1 in)
		Environmental Rating	IP67
CONNECTIVITY		Drop Test	MIL-STD-810H
LTE		Operating Temperature	-20°C to +50°C (0°F to +122°F)
Regions	EMEA, LACR, APAC, excluding North America ¹	Connectors	Bottom USB-C port for docking Side USB-C port for external accessories camera
SIM	eSIM with your choice of provider ²	Status Display	Top panel LCD backlit display, visible in bright sunlight
Mobile Network Compliance	GCF	Status Indicators	Front facing and top panel LEDs Audible and vibration alerts
LTE	B1 / B2 / B3 / B4 / B5 / B7 / B8 / B18 / B19 / B20 / B26 / B28(A+B), B34, B38, B39, B40, B41	Configurable Buttons	2 x top panel push buttons 3 x side panel push buttons 1 x front panel large push button 1 x 2-position toggle button
OTHER CONNECTIVITY		Other Buttons	1 x power button
WiFi Specification	802.11 a/b/g/n/ac	Mounting Options	Please see the accessories catalogue
WiFi Security	WPA2-PSK, WPA3		
Bluetooth®	BT 5.0 + EDR, BLE		
Global Navigation Satellite System (GNSS) Support	GPS, GLONASS, BeiDou, Galileo, QZSS, SBAS		

¹Country-specific type approvals may apply

²Region-specific alternatives may be available

³Actual battery runtime is dependent on camera configuration



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