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	
Resolution	1920 x 1080p, 1280 x 720p, 640 x 360p
Frame Rate	25 or 30 frames per second
Lens Angle	120° horizontal
Storage	128GB
Format	H.264
Pre- and Post-Recording	Up to 2 minutes pre- and post-incident buffer
Recording Status Notification	Vibration Visual (LEDs and display) Audible
Recording Reminder Notification	Audible

AUDIO	
Microphones	3
Format	AAC

CONNECTIVITY	
LTE	
Regions	EMEA, LACR, APAC, excluding North America[1]
SIM	eSIM with your choice of provider [2]
Mobile Network Compliance	GCF
OTHER CONNECTIVITY	
WiFi Specification	802.11 a/b/g/n/ac
WiFi Security	WPA2-PSK, WPA3
Bluetooth®	BT 5.0 + EDR, BLE
Global Navigation Satellite System (GNSS) Support	GPS, GLONASS, BeiDou, Galileo, QZSS, SBAS

[1] Country-specific type approvals may apply
[2] Region-specific alternatives may be available
[3] Actual battery runtime is dependent on camera configuration

BATTERY	
Runtime	12 hours[3]
Recharge Time	<4 hours
Charging Port	USB-C

SECURITY	
Video Download	Encrypted keys specific to backend software instance TLS connectivity to backend software
Live Connectivity	TLS connectivity to backend software
USB Connectivity	Cannot be accessed as a USB storage device
Audit Trail	Usage, operations and recording details are all audit-logged and indexed
Footage	AES-256 encrypted at rest and in transit

HARDWARE	
Weight	205 g (7.2 oz)
Dimensions	95.5 x 74 x 26.5 mm (3.8 x 2.9 x 1 in)
Environmental Rating	IP67
Drop Test	MIL-STD-810H
Operating Temperature	-20ºC to +50ºC (0ºF to +122ºF)
Connectors	Bottom USB-C port for docking Side USB-C port for external accessories camera
Status Display	Top panel LCD backlit display, visible in bright sunlight
Status Indicators	Front facing and top panel LEDs Audible and vibration alerts
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 Buttons	1 x power button
Mounting Options	Please see the accessories catalogue

To learn more, visit:
www.motorolasolutions.com/v500

MOTOROLA SOLUTIONS