

Data Sheet

V700 Body Camera

Clarity through
connectivity.



Clarity through connectivity

The V700 is a state-of-the-art award-winning LTE enabled body-worn camera that captures critical incidents and keeps you connected throughout your shift.

Collaboration – View real-time video and location from every angle

The V700 is able to live stream video and report real time GPS location over LTE to CommandCentral Aware. The V700 body-worn camera and in-car camera can work seamlessly as a single solution, capturing synchronized video of an incident from multiple vantage points. There can be up to 8 V700 cameras connected to an M500 in-car video system.

Confidence – Capture critical evidence through any circumstance

The V700 is dependable through tough circumstances and captures evidence in crucial situations. With Record-After-The-Fact, the V700 can recover critical evidence days after an incident, even when a recording wasn't initiated. The V700 can also be triggered with Holster Aware sensors and APX public safety radios. The V700 camera also delivers excellent video quality in low light conditions.

Convenience – Streamline daily workflows

Easily change the V700's rechargeable battery while on the go. The self cleaning battery contacts ensure reliable power. The V700 also has 128 GB storage, big enough to support Record-After-The-Fact for up to 110 Hours at 480P resolution. The V700 includes saved settings, multiple mounting options, and the SmartControl mobile and PC app.

Control – Easily manage encrypted evidence out in the field

The V700 can upload recorded videos to VideoManager EL via wireless LTE networks, anytime, anywhere. This allows the body-worn camera to send critical video back to headquarters while still in the field. The V700 also guards your data and your reputation. Elevate your data security with encryption at rest and in transit.

Completeness – Manage digital evidence efficiently

Whether you are a police officer uploading video, a detective redacting and sharing evidence from a court case or a dispatcher viewing live video and location from the V700 body camera, there is a video management solution for every team.



Menu Selection Button



Big LCD Menu with Large Icons to Navigate Fast and Efficiently

Clear Video Quality with Excellent Low Light Performance

Menu Scroll Button



Start Recording with Just a Press of a Button

Power On or Off

Battery Unlock Latch



Detachable Battery with Self Cleaning Contacts





V700 Body Camera Control

Key specifications

SYSTEM	
Field of View	130° Horizontal / 73° Vertical / 149° Diagonal
Dimensions	99 mm (H) x 61.5 mm (W) x 28 mm (D) 3.9 in (H) x 2.4 in (W) x 1.1 in (D)
Combined Weight	6.9 oz, 195 g
MIL SPEC	MIL-STD-810G Humidity: MIL-STD-810G Method 507.5 Procedure II ESD: IEC61000-4-2, Level 2
Ingress Protection (IP) Rating	IP 67 Dust Resistance: IP6X (Dust tight) Water Resistance: (Submersion) - IPX7 (1 meter of water for 30 minutes)
GPS	GPS, Glonass
Bluetooth®	Bluetooth v4.2 EDR/LE
Wi-Fi®	Wi-Fi 802.11b/g/n
LTE	Cat-4 IoT, LTE bands: B2, B4, B5, B12, B13, B14, B25, B66
LCD Display	Top Display: 1.2" Monochrome LCD
Asset Tracking	Internal NFC Tag
Activity Indicators	Multi-tone speaker, Haptic Vibration, Colored LED indicators
Motion Detection	6 Axis Accelerometer, Gyroscope (hardware ready)
Temperature Range	Operating Temperature: -20°C to +60°C (-4°F to +140°F) Storage Temperature: -40°C to +85°C (-40°F to +185°F) Batteries should be charged at 0°C to +45°C (+32°F to +113°F) and stored at +20°C to +25°C (+68°F to +77°F)

* Operation with enabled continuous Pre-Record and Record-After-The-Fact and disabled LTE, WiFi, Bluetooth, GPS, HDR.

** Using ethernet transfer station

BATTERY	
Type	Lithium Ion, field-swappable, rechargeable
Continuous Operation	12hrs* (recording at 720p, 30fps)
Battery Dimensions	65.6 mm (H) x 61.5 mm (W) x 20.8 mm (D) 2.6 in (H) x 2.4 in (W) x 0.8 in (D)
Battery Weight	3.5 oz, 100 g
Charging time	<4 hours**
SYSTEM	
Resolution	1920x1080 (1080p), 1280x720 (720p), 864x480 (480p) H.264 High Profile Video Compression
Frames per second	30, 15, 10 and 5 fps (Configurable per agency)
Storage	128GB 28 hours of 1080p HD video; 55 hours of 720p HD Video; 110 Hours of 480p SD Video
Record-After-the-Fact	Recover critical evidence after the fact, even when a recording wasn't initiated
Video Compression	H.264 High Profile Video Compression
Group recording	Integrates with 4RE or M500 in-car video systems and V300 or V700 body-worn cameras. Bidirectional activation
Dewarping	Vertical dewarping (removes fisheye effect)
Image sensor	1080p sensor with low light sensitivity (<0.1 Lux)
AUDIO RECORDING	
High Quality Audio	1 forward and 1 side pointing MEMS microphones to reduce wind noise





V700 Connect Key Integrations

CommandCentral Aware	A complete operating picture that integrates critical real-time intelligence in a simple display including video, alerts and mapping data
M500 In-Car Video System	When the M500 in-car camera starts recording it will trigger the V700 to start recording
APX Radio	The emergency button and fall alert on the P25 portable radio triggers the V700 to start recording
Holster Aware	A sensor that fits in your holster and detects the presence of your weapon. It triggers your V700 to start recording when the firearm is unholstered
Smartphone App/ PC compatibility	SmartControl (Android, iOS, PC) can review and tag videos and change camera settings on the V700
VideoManager EL	Store and upload evidence to VideoManager EL
CommandCentral Evidence	Manage, redact, transcribe and share body-worn video in CommandCentral Evidence





V700 Body Camera Accessories

MOUNTS



Magnetic Mount
WGP02798



MOLLE
Locking Mount
WGA00668



Tek-Lok
Belt Mount
WGA00669



Heavy Jacket
Magnetic Mount
WGP03085



Heavy Jacket Clip
WGP03088



Shirt Clip
WGP02697B

ACCESSORIES



8-Bay Ethernet
Transfer Station
WGA00650



USB Dock
WGA00640



Wi-Fi Dock
WGA00635



Better connections mean better collaboration

View real-time video and location and view evidence from every angle.



Capture critical evidence through any circumstance.



Streamline daily workflow with the V700 design, functions and SmartControl app.



Easily manage encrypted evidence out in the field with Wireless Uploading.

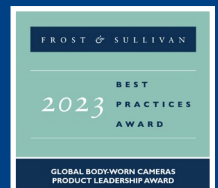


Manage evidence and view synchronized video playback in VideoManager EL. Securely share with prosecutors, other agencies and the community with chain of custody intact through CommandCentral Evidence.



Clarity through connectivity.

To learn more, visit: motorolasolutions.com/v700



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