V700 BODY-WORN CAMERA

TRUST AND TRANSPARENCY STARTS HERE.

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

COLLABORATION

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

The V700 is dependable through tough circumstances and captures evidence in crucial situations. With Record-After-The-Fact, the V700 will recover critical evidence days after a 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 even in low light conditions.

CONVENIENCE

Easily change the V700's rechargeable battery while on the go. The self cleaning battery contacts insure reliable power. The V700 also has 128 GB storage, big enough to support Record-After-The-Fact for up to 114 Hours at 480P resolution. The V700 includes saved settings, multiple mounting options, and the SmartControl mobile and PC app.

CONTROL

The V700 can upload recorded videos to VideoManager 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 technology.

COMPLETENESS

The V700 is connected to VideoManager. VideoManager is a fully-customizable digital evidence management solution. It lets you prepare, process and share high-quality video evidence from your suite of body cameras.

SYSTEMS	
Field of View	130° Horizontal / 73° Vertical
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 - Per MIL-STD 81 ESD - IEC 801 - 2 k
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® 5.0 BR/EDR/LE
Wi-Fi®	Wi-Fi® 802.11b/g/n
LTE	Cat-4 IoT, LTE bands: B2, B4, B5, B12, B13, B14, B25, B26
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 to +85 ºC (-40 to +185 ºF) Batteries should be charged at 0 to +45 ºC (+32 to +113 ºF) and stored at +20 to +25 °C (+68 to +77 ºF)

MOTOROLA SOLUTIONS

VIDEO RECORDING

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 23 hours of 1080p HD video; 46 hours of 720p HD Video; 114 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 (<0.1Lux)
Pre-Event Options	None, 15s, 30s, 45s, 1m, 2m continuous background recording also available

AUDIO RECORDING

High Quality Audio	1 forward and 1 side pointing MEMS microphones to reduce wind noise.

BATTERY

Type	Lithium Polymer, 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**

* Operation with enabled continuous Pre-Record and Record-After-the-Fact and disabled LTE, WiFi, Bluetooth, GPS, HDR.
** Using ethernet transfer station

KEY INTEGRATIONS

CommandCentral Aware	A complete operating picture that integrates critical real-time intelligence in a single display including video, alerts and mapping data.
M500 In-Car Video system	An in-car camera that alerts you in real time to threats and objectives
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 on 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

MOUNT OPTIONS

WGP02798	Magnetic Mount
WGP02836	MOLLE Mount
WGP03085	Heavy Jacket Magnetic Mount
WGP03088	Heavy Jacket Clip

ACCESSORIES

WGA00650 8-Bay Ethernet Transfer Station

WGA00640 USB Dock

WGA00635 Wi-Fi Dock

For more information please contact your Motorola Solutions account manager.

MOTOROLA SOLUTIONS