

VM780

LTE Bodycam with speaker microphone and PoC support



LTE compatible Bodycam

The VM780 is an advanced Bodycam with speaker microphone and touch display. It is designed to capture, store and share high quality 256 bit encrypted video, audio and image data for optimal situational awareness. The VM780 is equipped with a wireless speaker microphone, with which users of the VM780 can communicate directly via the video dispatch and control function via 3G / 4G LTE and WiFi (PoC Instant Call function), activate an emergency alarm and also deliver real-time video in low light conditions.

PoC compatibility

With its PTT over Cellular (PoC) compatibility, the VM780 enables the use of PoC app solutions for optimum operation.

Compact, slim and lightweight

The VM780 Bodycam weighs a comfortable 205 g, is light to handle and can simply be clipped on or put into the bag – which makes the Bodycam the ideal companion for position tracking.

Robust and reliable

The large 2.8" full-HD colour and touch display is particularly robust. It is IP68 protected against dust and moisture and is ideal for use in harsh environments.

Technical Data VM780

General data	
Dimensions (H x W x D)	114.5 x 61 x 25.5 mm
Weight (including battery)	≤ 195 g (2500 mAh), ≤ 205 g (3500 mAh)
Battery service life (video recording)	≥ 9 hours
Battery capacity	2500 mAh, 3500 mAh
Charging time	≤ 4 hours
Dimensions of the display	2.8 inch
Resolution	240 x 320 QVGA
Display type	TFT-LCD color touch screen
Memory	RAM: 2 GB; Storage: 16 GB / 32 GB / 64 GB / 128 GB

Camera and additional functions	
Lens	Glass lens, scratch-resistant, diagonal 139°, horizontal 101°, vertical 57°
IR lamp	OSRAM x6
Night vision range	≤ 10 m
White LED	1 W x 1

Image, video and sound	
Video format	mp4
Video resolution and FSP	1080p at 30 FPS 720p at 30/60 FPS 480p at 30 FPS
Video encoding technology	H.264
Audio format	AAC
Image format	JPG
Image resolution	5344 * 3000 (16 megapixels) 3072 * 1728 (5 megapixels) 2304 * 1296 (3 megapixels)
Pre-recording / Post-recording	30 / 30 s
Speaker output	1.5 W x 2
Microphone	Dual microphones

Environmental conditions	
Ingress Protection	IP68
Fall protection	2.0 m (with belt clip, 6 times in different faces)
Electrostatic discharge (ESD)	Contact discharge: 6 kV, Air discharge: 12 kV
Operating temperature range	-30 °C to +60 °C
Storage temperature range	-40 °C to +85 °C
Certificates	MIL-STD-81 DG, CE, FCC, IC

Connections / compatibility	
WiFi	802.11 b/g/n
Bluetooth	4.2
Connectors	Micro USB port, 4-pin contact connection

Network 3G/4G (Nano SIM Card)	
Asia-Pacific & Africa	GSM: 850 / 900 / 1800 / 1900 TD-SCDMA: 834 / 839 CDMA: BCO WCDMA: 81 / 83 / 85 / 88 TDD-LTE: 838 / 839 / 840 / 841 FDD-LTE: B1 / 83 / 85 / 87 / 88 / 826 / 828
Europe	GSM: 850 / 900 / 1800 / 1900 TD-SCDMA: 834 / 839 CDMA: BCO WCDMA: 81 / 83 / 85 / 88 TDD-LTE: 838 / 839 / 840 / 841 FDD-LTE: B1 / 83 / 85 / 87 B8 / 820 / 826 / 828a
America	GSM: 850 / 1900 WCDMA: 82 / 84 / 85 TDD-LTE: 838 / 840 / 841 FDD-LTE: 82 / 84 / 85 / 87 / B 12 / 813 / 817 / 826 / 827

All technical information was determined at the factory and in accordance with the corresponding standards. Subject to change on the basis of continuous development.



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Encryption features are optional and require the device to be configured separately. They are also subject to German and European export regulations.

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