

VM685

Body cam and speaker microphone



Ideal combination

This body cam features an innovative design that offers the ideal solution for recording, storing and transmitting evidence from emergency response operations. Combined with the integrated, powerful speaker microphone, the body cam is an indispensable tool for first responders in the field.

Excellent recording performance

Thanks to its 180° rotatability and 140° wide-angle lens, as well as a 16 megapixel image sensor and six infrared LEDs, the camera is versatile and extremely flexible to use.

Robust and reliable

The VM685 body cam is dust- and water-proof in accordance with the degree of protection IP67, MIL-STD-810 G certified and thus suitable for use in harsh environments.

Data collection

Using the additional management software, collected photos and videos can be read out and tested, managed and shared easily and efficiently.

Intelligent design

Handling the camera is simple: All important functions, such as video recording, voice recording and emergency calls, can be used quickly and without any difficulty with just one touch.

Technical Data of the VM685

General data	
Dimensions (H x W x D)	106.5 x 60 x 24 mm
Weight	170 g
Battery service life (video recording)	> 8 hours
Battery capacity	2500 mAh
Charging time	< 4 hours
Dimensions of the display	2.4 inch
Screen resolution	240 * 320 pixels, RGB
Color type	TFT-LCD 262K color display
Memory	16 GB (standard) 32 GB / 64 GB / 128 GB (optional)

Camera and additional functions	
Camera	16 megapixels
Lens	Fixed focus, all-glass, 180° rotation, diagonal 140°, horizontal 106° & vertical 78°
Focus range	0.1 m to infinity
IR lamp	OSRAM x6
Night vision range (without light)	3 m
White LED	1 watt x 1
Pre-recording / Post-recording	20 s / 30 s
Speaker output	2 W
Microphone	Silicone microphone x1, -38 db Electret microphone x1, 42 db

Image, video and sound	
Video format	MP4
Video resolution	VGA, 720p, 1080p
Video FPS	30/60 fps
Audio format	AAC
Image format	JPG
Image resolution	4608 * 1296 (16 megapixels) 3072 * 1728 (5 megapixels) 2304 * 1296 (3 megapixels)
Pre-recording / Post-recording	20 s / 30 s
Speaker output	2 W
Microphone	Silicone microphone x1, -38 db Electret microphone x1, 42 db

Environmental conditions	
Degree of protection	MIL-STD-810G, IP67
Fall protection	2 m (with clip)
Electrostatic discharge (ESD)	Contact discharge: 6 kV, air discharge: 12 kV
Operating temperature range	-20 °C to +60 °C
Storage temperature range	-40 °C to +85 °C

Connections / compatibility	
WiFi	802.11 b/g/n (access point and support for docking station)
Bluetooth	4.0 (audio & BLE support)
Connectors	Micro USB port, 10-pin contact connection
System compatibility	Windows XP/7/8/10

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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SGS certificate DE11/81829313

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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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