

VM550

Body-worn camera and speaker microphone



All in one device

The VM550 combines a body camera and a remote speaker microphone, all in one device. It is equipped with a HD camera that provides instant and accurate video recording and image taking experience for operators. With a 2 W speaker, the VM550 offers clear and loud voice even in noisy environment.

Compact, slim and lightweight

The VM550 weights just 145 g, easily held, clipped or put in the pocket, making it the ideal companion for evidence collection.

Robust and reliable

The VM550 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 VM550

General data	
Dimensions (H x W x D)	86.5 x 58 x 25.7 mm
Weight	145 g
Battery service life (video recording)	≥ 7 hours
Battery capacity	2500 mAh
Charging time	≤ 4 hours
Dimensions of the display	0.9 inch
Screen resolution	128 * 32 pixels, RGB
Color type	Lattice OLED black and white display
Memory	16 GB (standard) 32 GB / 64 GB / 128 GB (optional)

Camera and additional functions	
Camera	16 megapixels
Lens	Fixed focus, all-glass, diagonal 139°, horizontal 116° & vertical 60°
Focus range	0.1 m to infinity
IR lamp	OSRAM x6
Night vision range (without light)	3 m
White LED	1 W x 1

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	5344 * 3000 (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	1.5 m
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
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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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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