

VM550D Bodycam

Remote video speaker microphone



All in one device

The VM550D combines Bodycam and speaker microphone in one device. The Bodycam ensures a precise and effective situation recording via an HD camera and has an immediate playback function of videos just recorded. The integrated night vision function is activated automatically in low light conditions and enables the safe recording of events up to 10 meters away.

Compact, slim and lightweight

The VM550 Bodycam weighs just 145 g, is light to handle and can simply be clipped on or put into the bag - making the Bodycam the ideal companion for recording situations.

Robust and reliable

The large 2" full HD display is particularly robust. This has been demonstrated when the VM550D Bodycam has been subjected to drop tests of up to two meters. It is IP67-protected against dust and moisture and is ideal for use in harsh environments.

Data collection

With WiFi and Bluetooth as well as the additional software available, the VM550D Bodycam can be used to easily and efficiently read, check, manage and share photos and videos.

Technical Data VM550D

General data

Dimensions (H x W x D)	86.5 x 55 x 26 mm
Weight	145 g
Battery service life (video recording)	≥ 7 hours
Battery capacity	2500 mAh
Charging time	≤ 4 hours
Dimensions of the display	2.0 inch
Display type	TFT-LCD 262K colour display
Memory	16 GB / 32 GB / 64 GB / 128 GB

Camera and additional functions

Lens	Fixed focus, all-glass, night vision, diagonal 139°, horizontal 116° & vertical 60°
Focus range	0.8 m infinity
IR lamp	OSRAM x8
Night vision range (without light)	≥ 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	10 / 20 s
Post-recording	10 / 20 / 30 s
Speaker output	1 W
Microphone	Dual microphones

Environmental conditions

Degree of protection	MIL-STD-810G, IP67
Fall protection	2.0 m
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-810G, CE, FCC, IC

Connections / compatibility

WiFi (optional)	802.11 b/g/n
Bluetooth	4.0 (audio & BLE support)
Connectors	Micro USB port, 4-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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