



Body Worn Cameras

VM685 & VM550

Hytera Body Worn Cameras combine the functionality of body cameras and remote speaker microphones, which ensures that the evidence captured is accurate and representative of how events actually unfolded. It dramatically improves situational awareness, information gathering and evidence collection in the field.



Awareness - always & everywhere

Keep the situation under control

Hytera VM685

The innovatively designed VM685 offers the ideal solution to capture, store and share evidence from the field. The in-built remote speaker microphone allows users to communicate efficiently, initiate an emergency alarm and deliver real-time video, even in low-light conditions, when paired with the Hytera Multi-mode Advanced Radio.

- Outstanding recording performance
- Rotatable HD camera
- Large screen to check pictures and videos



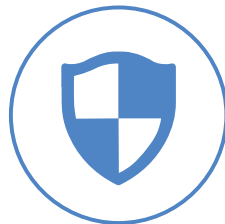
Hytera VM550

The Hytera VM550 is an even more compact and lighter version than the VM685, making it even easier to carry with you. Despite the compact dimensions, the full functionality in terms of evidence preservation and transmission is available. This product is also equipped with a high performance HD camera and can also be used.

- Exceptionally compact and lightweight
- No compromises in functionality
- Ergonomic design for easy operation



ALL IN ONE DEVICE



RUGGED & RELIABLE



COMPACT & LIGHTWEIGHT

Two solutions in one device

Hytera's body worn cameras combine a body camera and a remote speaker microphone in one device, eliminating the needs for users to carry multiple devices.

They are equipped with a HD camera that provides instant and accurate video recording and image taking experience for operators. With a 2W speaker, the body worn cameras offer clear and loud sound even in noisy environments.

Rugged & Reliable

All body worn cameras are compliant with MIL-STD-810 G and IP67, and pass the 1.5 m drop test, ensuring outstanding performance even in harsh environments.

Compact, slim & lightweight

The body worn cameras are lightweight, easily held, clipped or put in your pocket, making it the ideal companion for evidence collection throughout your shift.



How data is collected and transferred

In combination with the Hytera multi-mode advanced radios, image and video data can be streamed to a control centre. The Body Worn Cameras can be used as loud-speaker microphones with several Hytera PMR radios that support Bluetooth.

Irrespective of the radios used, the collected image information can be read and evaluated with the help of a special 6-unit charger and the additional software.



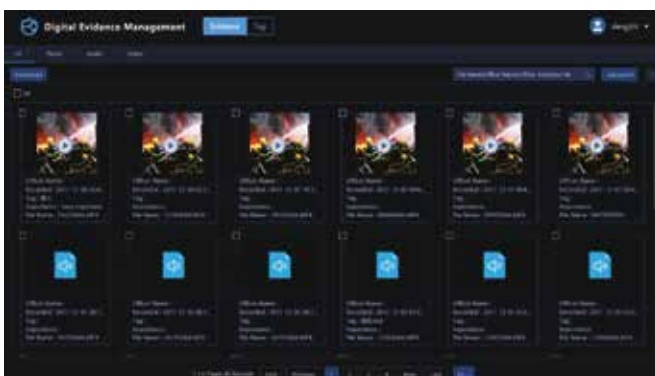
Integrated Device Station (IDS)



Running on a PC, IDS collects and stores digital evidence from the body worn cameras via a 6-unit charger. Thanks to the intuitive user interface, you can review, manage, and share data simply and efficiently.

- Comprehensively manage the body worn cameras
- Query and replay the local data
- Import and upload the data to the cloud (DEM Server) automatically
- Clear the collected data automatically

Digital Evidence Management



The Digital Evidence Management (DEM) platform collects and stores the digital evidence on the public security network. You can tag the evidence and find it easily through key words.

- Cloud server for centralised storage with automatic data upload from the body worn cameras
- System log for evidence retrieval. Classify file evidences, and correlate them with case, Global Navigation Satellite System (GNSS) location information
- Capable of gathering and organising large data amounts
- Redundancy backup, load balancing mechanism for reliability
- User authorisation for security

Technical Data

		VM550	VM685
Size & Weight	Dimensions (H x W x D)	106.5 mm x 60 mm x 24 mm	106.5 mm x 60 mm x 24 mm
	Weight	<170 g (including battery)	<170 g (including battery)
Camera	Lens	Fixed focus, all glass, diagonal 139°, horizontal 116°, vertical 60°	Fixed Focus, all glass, 180° rotatable, diagonal 140°, horizontal 106°, vertical 78°
	Focus Range	0.1 m - infinity	0.1 m - infinity
Battery	Battery Life (Continuous Video Shooting)	≥ 7 h	≥ 8 h (480P30), ≥ 7 h (720P30), ≥ 6 h (1080P30), ≥ 9 hours (Voice Recording),
	Battery Capacity	2500 mAh	2500 mAh
	Charging Time	≤ 4 hours	≤ 4 hours
Display	Dimensions	0.9 inch	2.4 inch
	Resolution	128. 32	240 (RGB) * 320
	Type	Lattice OLEO black and white display	TFT-LCD 262K color display
Recording	Internal Memory	16 GB (standard configuration); 32 GB/64 GB/128 GB (optional)	16 GB (standard configuration); 32 GB/64 GB/128 GB (optional)
	Video Format	MP4	MP4
	Video Encoding Technology	H.264	H.264
	Video Resolutions	VGA @ 30/60 FPS, 720 P @ 30/60 FPS, 1080 P @ 30 FPS	VGA, 720 P, 1080 P
	Video Frames Per Second	30 FPS and 60 FPS	30 FPS and 60 FPS
	Audio Format	AAC (Advanced Audio Coding)	AAC (Advanced audio coding)
	Image Format	JPG	JPG
	Image Resolution	5344 x 3000 (16 megapixel), 3072 x 1728 (5 megapixel), 2304 x 1296 (3 megapixel)	4608 x 3456 (16 megapixel), 3072 x 1728 (5 megapixel), 2304 x 1296 (3 megapixel)
	Pre-recording Post-recording	20 s / 30 s 20 s / 30 s	10 s / 20 s 10 s / 20 s / 30 s
Audio	Speaker Power	2 Watt (rated)	2 Watt
	Microphone	Electret microphone, -44 dB	Silicon microphone x 1, -38 dB; electret microphone x 1, -42 dB
Connectivity	Wi-Fi	802.11 b/g/n	802.11 b/g/n Access point and station support
	BT	BT4.0, support audio and BLE	BT4.0 Audio and BLE support
	Connector	Mirco USB port, 10-pin contact port	Mirco USB port, 10-pin contact port
Auxiliary	IR Lamp	-	OSRAM x 6
	Night Vision Range (without lighting)	-	≥ 3 m
	White LED	1 Watt x 1	1 Watt x 1
Durability	Ingress Protection	MIL-STD-810G, IP67	MIL-STD-810G, IP67
	Drop Resistance	1.5 m	2 m (with Clip)
	ESD	Contact discharge: 6 kV; air discharge: 12 kV	Contact discharge: 6 kV; air discharge: 12 kV
	Operating Temperature	-20 °C to +60 °C	-20 °C to +60 °C
	Storage Temperature	-40 °C to +85 °C	-40 °C to +85 °C
Compatibility	System Compatibility	WIN XP/7/8/10	WIN XP/7/8/10
	Radio Compatibility	Hytera radios	Hytera radios
Accessories	Standard	USB cable, power adapter, clip, battery	USB cable, charger, clip (rotatable, length-adjustable)
	Optional	Radio connection cable, multi-unit charger, earpiece, wireless remote controller	Shoulder epaulette, radio connection cable, multi-unit charger, wireless remote controller



Hytera Mobilfunk GmbH

Address: Fritz-Hahne-Straße 7, 31848 Bad Münder, Germany
Tel.: + 49 (0)5042 / 998-0 Fax: + 49 (0)5042 / 998-105
E-mail: info@hytera.de | www.hytera-mobilfunk.com



SGS Certificate DE11/81829313

Hytera Mobilfunk GmbH reserves the right to modify the product design and the specifications. In case of a printing error, Hytera Mobilfunk GmbH does not accept any liability. All specifications are subject to change without notice.

Encryption features are optional and have to be configured separately; they are also subject to German and European export regulations.

HYT Hytera are registered trademarks of Hytera Co. Ltd. ACCESSNET® and all derivatives are protected trademarks of Hytera Mobilfunk GmbH. ©2018 Hytera Mobilfunk GmbH. All rights reserved.