

SPECIFICATIONS

Dimensions & Weight	Dimensions (H x W x D)	86.5mm x 55mm x 26mm
	Weight	145g (including battery)
Camera	Lens	Fixed focus, all glass, night vision, diagonal 139°, horizontal 116°, vertical 60°
	Focus Range	0.8 m - infinity
Battery	Battery Life (Continuous Video Shooting)	≥7 hours
	Battery Capacity	2500 mAh
	Charging Time	≤4 hours
Display	Size	2.0-inch
	Type	TFT-LCD 262K colour display
Recording	Internal Memory	16 GB/32 GB/64 GB/128 GB
	Video Format and Resolutions	mp4 (1080p@30FPS, 720p@30/60FPS, 480p@30FPS)
	Video Encoding Technology	H.264
	Audio Format	AAC (Advanced audio coding)
	Image Format and Resolutions	JPG (16-megapixel, 5-megapixel, 3-megapixel)
Audio	Pre-recording/Post-recording Duration	Pre-recording: 10s/20s; post-recording: 10s/20s/30s
	Speaker Power	1 Watt
Connectivity	Microphone	Dual microphones
	Wi-Fi (Optional)	802.11 b/g/n, support AP and STA modes
	BT	BT4.0, support audio and BLE
Auxiliary	Connector	Micro USB port, 4-pin contact port
	IR Lamp	OSRAM * 8
	Night Vision Range	≤10m
Durability	White LED	1 Watt * 1
	Ingress Protection	MIL-STD-810G, IP67
	Drop Resistance	2 m
	ESD	Contact discharge: 6 kV; air discharge: 12 kV
	Operating Temperature	−30°C to +60°C
Accessories	Storage Temperature	−40°C to +85°C
	Certificates	MIL-STD-810G, CE, FCC, IC
	Standard	USB cable, charger, clip, battery
	Optional	Multi-unit charger, earpiece, desktop charger, strap

All specifications are subject to change without notice due to continuous development.

APPLICATIONS



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BODY WORN CAMERA
VM550D

- ALL IN ONE DEVICE
- 2.0 INCH COLOR DISPLAY
- COMPACT, SLIM, AND LIGHTWEIGHT
- RELIABLE AND RUGGED STRUCTURE
- AUTO VIDEO SAVING UPON SUDDEN IMPACT
- INTERNAL BACKUP BATTERY
- NIGHT VISION



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OVERVIEW

Hytera Body Worn Camera (BWC) VM550D combines a body camera and a remote speaker microphone, this ensures the evidence captured is accurate and representative of how the events actually unfolded. It dramatically improves situational awareness, information gathering and evidence collection in the field.



HIGHLIGHTS

COMPACT, SLIM, AND LIGHTWEIGHT

The VM550D weighs just 145g, easily held, clipped or placed in your pocket. This makes it an ideal companion for evidence collection throughout your shift

RELIABLE AND RUGGED STRUCTURE

The VM550D is compliant with MIL-STD-810 G and IP67, and passes the 2m drop test, ensuring outstanding performance even in harsh environments.

ALL IN ONE DEVICE

The VM550D is an all in one device, combining a body camera and a remote speaker microphone. This eliminates the need for officers to carry multiple devices. It is equipped with a HD camera providing INSTANT AND ACCURATE VIDEO RECORDING AND IMAGE CAPTURE for experienced operators.

INTERNAL BACKUP BATTERY

When the removable battery is detached, the VM550D can still work for 5 minutes with the internal battery backup ensuring smooth operation.

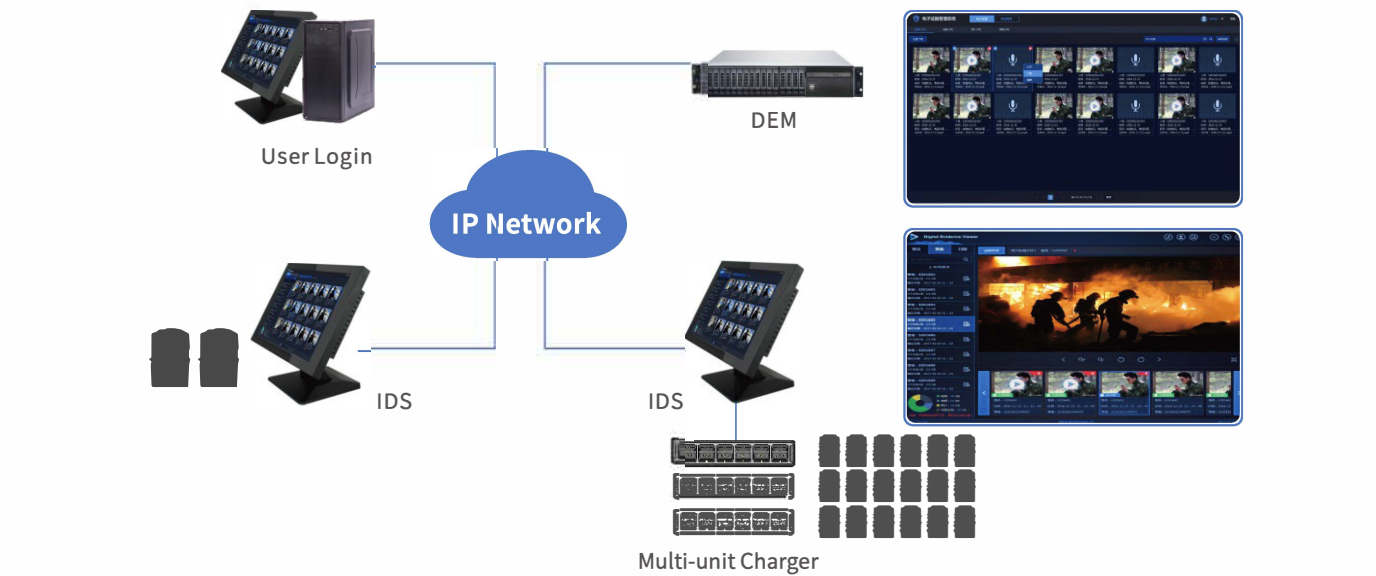
AUTOVIDEO SAVING UPON SUDDEN IMPACT

Upon a sudden impact, the VM550D will save the video being recorded and the video is marked as important evidence automatically.

NIGHT VISION

In low-light conditions, the night vision feature will be activated automatically making scenes within 10 meters visible. This allows for round-the clock surveillance, day or night.

DATA COLLECTION AND STORAGE SOLUTION



INTEGRATED DEVICE STATION (IDS)

- Support Batch Data Collection from BWCs Automatically
- Query and Replay the Local Data
- Import and Upload the Data to the Cloud (DEM Server) Automatically
- Support Role-Based Access Control for Security

DIGITAL EVIDENCE MANAGEMENT (DEM) PLATFORM

- Capable of Processing Massive amounts of Data
- Redundancy Backup and Load Balancing Mechanism for Reliability
- Cloud Server for Centralised Storage and Control
- Automatic Data Upload
- Role-based Access Control and User Authorisation for Security

REMOTE SPEAKER MICROPHONE SOLUTION



- Use as a BT Remote Video Microphone, Eliminating the Need for Officers to Carry Multiple Devices
- Synchronously Display the Information on the Radio for More Convenient Operation
- Transmit the Real Time Video through the Multi-mode Advanced Radio to understand visually Dispatching.