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)
	Pre-recording/Post-recording Duration	Pre-recording: 10s/20s; post-recording: 10s/20s/30s
Audio	Speaker Power	1 Watt
	Microphone	Dual microphones
Connectivity	Wi-Fi (Optional)	802.11 b/g/n, support AP and STA modes
	BT	BT4.0, support audio and BLE
	Connector	Micro USB port, 4-pin contact port
Auxiliary	IR Lamp	OSRAM * 8
	Night Vision Range	≤10m
	White LED	1 Watt * 1
Durability	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
	Storage Temperature	−40°C to +85°C
	Certificates	MIL-STD-810G, CE, FCC, IC
Accessories	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

ww.hytera.co.uk

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.

ERGONOMIC DESIGN FOR EASY OPERATION

- PTT Button (when connected with a radio)
- Video Recording Button
- Photo Button
- Emergency/Audio Recording Button

LONG LIFE BATTERY

- ≥7 Hours Battery lie for Continuous Video Recording
- 8 Day Battery life in Standby Mode

HD CAMERA

- 2.0 Inch Color Display
- Image Resolution: 16 Megapixels
- Video Resolution: 1080p

MICRO USB

- For Charging, Data Export, and Audio Output, 3 Functions in 1 Port

SWITCH BUTTON DESIGN

- Easy Battery replacement anywhere and anytime

HIGHLIGHTS

COMPACT, SLIM, AND LIGHTWEIGHT

The VM55OD weighs just 14Sg, 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 MI L-STD-810 G and I P67, and passes the 2m drop test, ensuring outstanding performance even in harsh environments.

ALL IN ONE DEVICE

The VM55OD 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 H D camera providing INSTANT AND ACCURATE VIDEO RECORDING AND IMAGE CAPTURE for experienced operators.

INTERNAL BACKUP BATTERY

When the removable battery is detached, the VM55OD can still work for 5 minutes with the internal battery backup ensuring smooth operation.
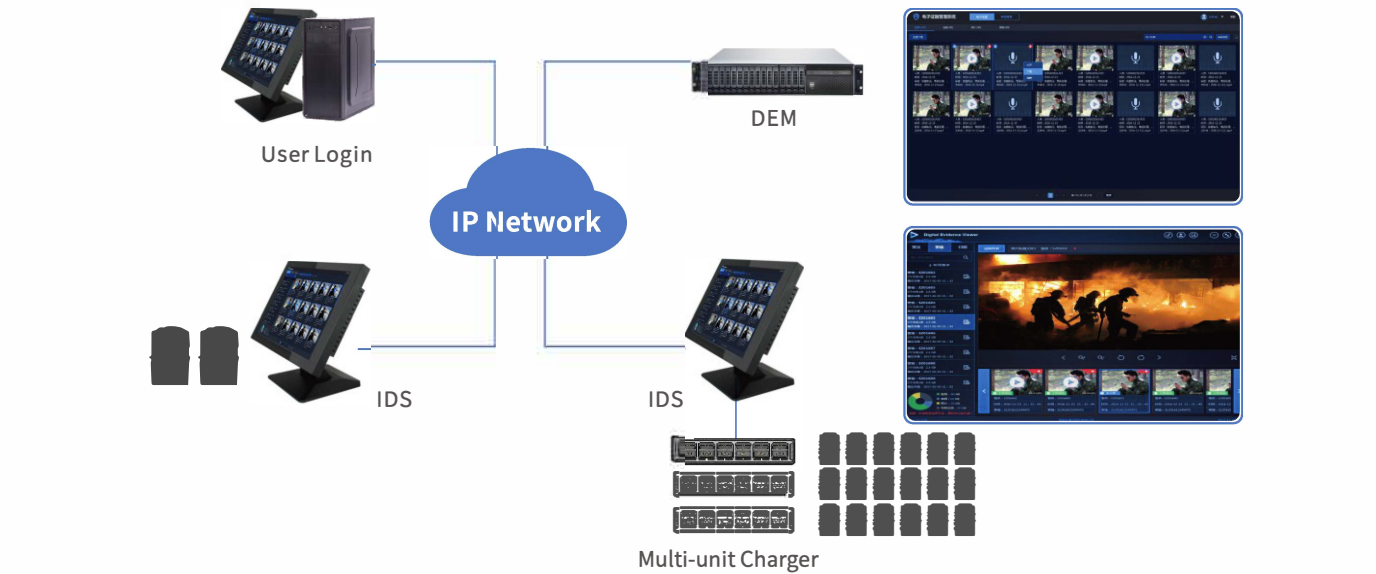
AUTO VIDEO SAVING UPON SUDDEN IMPACT

Upon a sudden impact, the VM55OD 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

User Login

IP Network

DEM

IDS

IDS

Multi-unit Charger

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

Wifi/BT

Multi-mode Advanced Radio

BT

PMR Radio

Dispatch Center

- 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.