

## APPLICATION SCENARIOS



## SPECIFICATIONS

Network	
2G/3G/LTE	GSM:850/950/1800/1900 WCDMA: B1/B3/B5/B8 LTE TDD: B38/B40/B41 LTE FDD: B1/B3/B5/B7/B8/B20/B26/B28
Size & Weight	
Dimensions (H x W x D)	94 x 63 x 20 mm
Weight	172g (with battery and belt clip)
Camera	
Field of view	Diagonal: 121°, horizontal: 110°, vertical: 71°
Camera focus	0.5 m to infinity
Battery	
Battery life (continuous video recording)	≥ 8 hours (720p@30 fps)
Capacity	3000 mAh
Charging time	≤ 4 hours
Screen	
Size	2.0 inches
Resolution	320 x 240 QVGA
Type	TFT LCD colorful touch screen
Recording	
Storage capacity	16 GB, 32 GB, 64 GB, and 128 GB available
Video resolution	1080p@30 fps, 720p@30 fps, 480p@30 fps
Image resolution	16 MP, 5 MP, 3 MP

Positioning	
GPS/BDS/GLONASS/AGPS	
Connectivity	
WLAN	802.11 b/g/n
BT	BT 4.2
USB type	Micro USB
Audio	
Speaker power	1 W
Audio Format	AAC
Environment	
IP rating	IP68
Drop resistance	2 meters (with belt clip)
ESD protection	Contact: ±6 kV; air: ±12 kV
Operating temperature	-30°C to +60°C
Storage temperature	-40°C to +85°C
Certification	MIL-STD-810G, IP68, CE
Night vision	
Night vision range	Up to 10 meters
White light	Supported



## COMPACT BODY, CONCRETE VM580D LTE BODY WORN CAMERA

- Ultra-thin and Ultra-light
- Full HD Camera
- Infrared Night Vision
- LTE Live Video Streaming
- Built-in Backup Battery



## ACCESSORIES

### Standard



### Optional



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## Body Worn Camera is Critical for Law Enforcement Transparency

With the ever-increasing needs for transparency, the body worn cameras have been widely used by law enforcement agencies. This usage may result in better accountability between the officers and civilians. By exposing bad and good behaviors, the body worn cameras also have a strong deterrent against misuse of force by the officers and violent behaviors of citizens.

Hytera VM580D body worn camera(BWC) can stream live video, upload high-resolution photos, share real-time GPS location information over the LTE, 3G, and WLAN networks. All of these can significantly improve collaboration and outcomes of both responders and dispatchers during emergencies. In addition, the VM580D also serves as a Push-To-Talk Over Cellular (PoC) radio. It allows you to make a voice call simply by pressing the Push-To-Talk (PTT) key.



## Hytera VM580D Highlights

### EASY TO USE

Hytera VM580D has a slim profile. Notably, it measures 20 mm in thickness and weights just 172g. You can easily hold it in your hand or clip it on your uniform.

### Infrared Night Vision

With infrared technology, the VM580D captures a clear image in low light conditions. It has two infrared LEDs which automatically turn on in dim light to enhance night vision capabilities. This helps recognize human face within 5 meters or outline within 10 meters in dark.

### Be a PoC Radio

The VM580D serves as a two-way radio with the Push-To-Talk Over Cellular (PoC) applications. Over LTE or WLAN network, this camera allows you to make a voice call simply by pressing the Push-To-Talk (PTT) key. The camera has a powerful 1-watt speaker to deliver loud and clear audio during the call, even in high noise environments.

### Rugged and Durable

The VM580D is robust and tough against the rigor of your job site. This IP68 certified camera is fully dust-proof and water-resistant. Meeting the MIL-STD-810G standards, the VM580D withstands a drop of 2 meters.

### 1080P HD Video Recording

The VM580D captures full 1080p HD video at 30 fps. The video content quality is always smooth, sharp, and stable. All the important details will never be missed.

### LTE Live Video Streaming

The VM580D streams live video to the control center over LTE network. This helps the dispatcher know exactly what is happening to enhance situational awareness and facilitate decision-making.

### Unbreakable Data Security

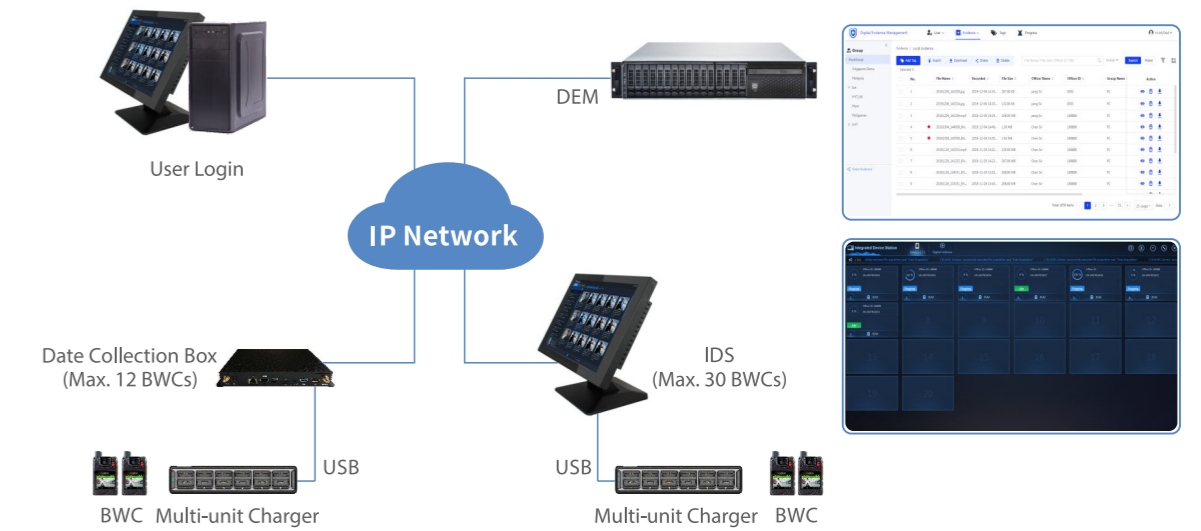
Hytera embeds AES-256 encryption in the VM580D for unbreakable data security. All footage is encrypted and only accessible to authorized users. The video is automatically tagged with time stamp, device ID and user ID upon recording for tamper-proof. Also no one is allowed to directly delete the footage on the camera. All of these keep data privacy and integrity all the time.

### Long Battery Life

Equipped with a 3,000 mAh battery, the VM580D supports more than 8 hours of continuous video shooting on a single charge. Thanks to the built-in backup battery, the VM580D can still keep recording for three to five minutes during battery replacement.



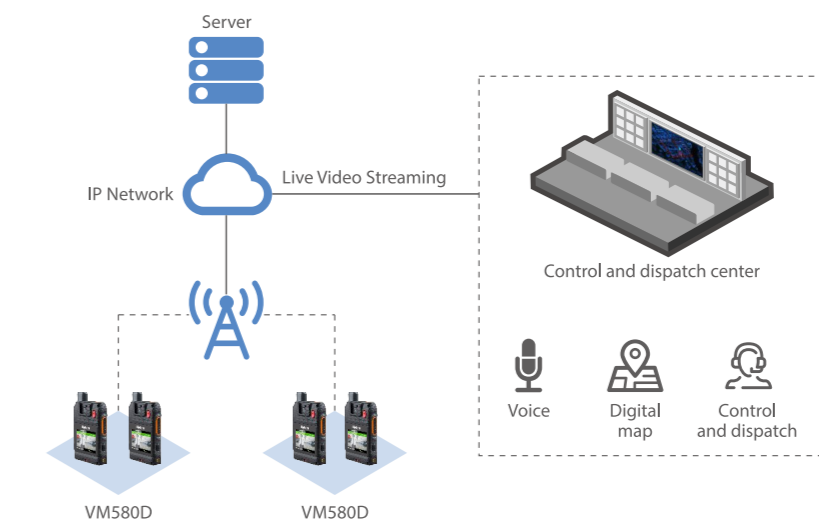
## DATA COLLECTION AND STORAGE SOLUTION



### Digital Evidence Management (DEM) Platform Integrated Device Station (IDS)

- Local deployment or cloud-based deployment
- Mass storage
- Disaster recovery
- B/S architecture supporting easy access anywhere anytime
- Hierarchical organization to manage data access
- Rich evidence management including query, classification, tag and download
- Data security relying on SSL protocol
- APIs for further development
- Local deployment mode to collect evidences from 30 cameras simultaneously
- Evidence query from Web in the LAN
- Automatic batch data collection from BWCs while being charged
- Automatic data cleaning in BWCs after data collection
- Authentication mechanism to prevent unauthorized access
- Role-based control for data security

## Push-To-Talk Over Cellular and Voice & Video Dispatch Solution



- Realize visualized dispatch relying on live video and real-time location from BWCs
- Make voice calls or send messages over broadband network
- Perform route plan and electronic fence