

Body Worn Camera VM780

- 216° Rotatable HD Camera
- High-Efficient Encoding
- Purpose-built Apps
- Micro Gimbal Stabilization (MGS version)
- Starlight Night Vision (MGS version)
- Be a PoC Radio
- Ultra Long-lasting Battery
- One-Touch Recording
- Pre-event and Post-event Recording
- Data Encryption





OVERVIEW

Hytera VM780 is a LTE-enabled body worn camera (BWC) that allows law enforcement officers to capture everything that happens during an incident and then share live videos, photos, and audio recordings with the command center for improved situational awareness.

With the 216° rotatable HD camera, you can adjust the camera angle to meet various shooting needs without changing the way you wear it. The VM780 can serve as a push-to-talk over cellular (PoC) radio for voice communication over 3G, 4G, or WLAN, during which the two built-in 1.5-watt speakers make you hear every word in any noisy environment. Moreover, the VM780 can provide fast positioning services using GPS, BDS, GLONASS, and AGPS so you can track your people or device anywhere.



HIGHLIGHTS



216° Rotatable HD Camera

The lens of the VM780 can be rotated vertically by 216°, which provides optimal angle of view and flexible wearing positions for you to capture critical events.



Purpose-built Apps

Relying on the 2.8-inch TFT-LCD HD touchscreen and open operating system, the VM780 allows you to use customized apps such as facial recognition, license plate number recognition, document identification, indoor positioning, and wireless transmission, which helps you get your job done efficiently.



Starlight Night Vision (MGS version)

The astonishing low-light sensitivity of the VM780 (MGS version) is made possible by a starlight sensor. Even in extremely low-light environments, the VM780 (MGS version) can still capture clear and colorful images with more details such as human face or license plate number.



Ultra Long-lasting Battery

The 3,500 mAh battery, with low power consumption technology, enables the VM780 to provide up to 12 hours of continuous recording on a single charge to cover entire shifts.



Pre-event and Post-event Recording

Even if you fail to press the button to record in high-stress situations, you will never miss any moment. The pre-event and post-event recording features enable the VM780 to constantly capture video as a loop, effectively protecting recording completion of an incident.



High-Efficient Encoding

The VM780 uses High-Efficient video compression technology to save 50% storage and bandwidth compared with Standard Encoding, without compromising video quality.



Micro Gimbal Stabilization (MGS version)

The built-in MGS module has a flexible movement space in the camera module, realizing the better anti-shake performance. When you use the BWC to capture a video, the stabilized image will make you feel like using a camera on a triple.



Be a PoC Radio

The VM780 serves as a two-way radio with the PoC apps. Over 3G, LTE, or WLAN, the VM780 allows you to make a voice call simply by pressing the push-to-talk (PTT) key. The VM780 has two 1.5-watt speakers to deliver loud and clear audio during the call, even in highly noisy environments.



One-Touch Recording

With a toggle of the large and intuitive Video Recording key, you can directly start to record a video.



All-round Data Security

The unbreakable AES256 encryption algorithm and digital signature technology ensure the best protection of your digital evidence such as photos, audios, and videos from storage to transmission.

ACCESSORIES

Standard



Battery



USB Data Cable



Power Adapter



Belt Clip

Optional



BT Earpiece



Earset



Wireless PTT



External Camera



Charger



Helmet Mount



Shoulder Strap



Chest Harness



Multi-Unit Charger



Car Bracket

SPECIFICATIONS

Parameter	VM780	VM780 (MGS Version)
Dimensions (H x W x D)	115 x 61 x 26 mm	
Weight	205g (with battery)	
Screen	2.8-inch	
Storage Capacity	32GB / 64GB / 128GB	
Battery Capacity	3500 mAh	
Night Vision	Infrared night vision Full-color night vision (Pro version)	
Camera	216° rotatable lens	
Field of View	116° diagonal 101° horizontal 57° vertical	132° diagonal 110° horizontal 58° vertical
Image Stabilization	Micro Gimbal Image Stabilization (MGS version)	
Focus range	0.5m to infinity	
Video Resolution	1080p@30fps, 720p@30fps, 480p@30fps	
Video File Format	MP4	
Photo Resolution	Up to 16MP	
Photo File Format	JPG	
Audio File Format	AAC	
File Encryption	Support AES-256bit	
WLAN	802.11 b/g/n	
BT	BT 4.2 Support BLE	
Positioning	GPS/BDS/GLONASS/AGPS	
Interface	MicroUSB 2.0, support OTG and headphone output	
NFC	Support	
Water and dust proof	IP68	
Drop Test Height	2 meters	
Operating Temperature	-20°C to +60°C	
Operating Humidity Range (non-condensing)	10% to 95%	
Cellular networks	Asia Pacific Edition: GSM: 850/900/1800/1900 TD-SCDMA: B34/B39 CDMA: BC0 WCDMA: B1/B3/B5/B8 TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/B26 /B28	European Edition: GSM: 850/900/1800/1900 TD-SCDMA: B34/B39 CDMA: BC0 WCDMA: B1/B3/B5/B8 TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/B20 /B26/B28
		American Edition: GSM: 850/1900 WCDMA: B2/B4/B5 TDD-LTE: B38/B40/B41 FDD-LTE: B2/B4/B5/B7/B12/B13 /B17/B26/B28



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