

# PA- Y2 Body Camera

Model		PA-Y2
	Product appearance	
OS	OS	Linux
	Booting time	8s
	Language	English / Russian / Spanish / Korean
Video	Sensor	5 million FHD image sensor
	Screen	2-inch LCD
	Recording resolution	2688×1512/2560×1440/2304×1296/1920×1080
	Frame rate	2688×1512(25fps)/2560×1440(30fps)/2304×1296(30fps)/1920×1080(30fps)
	Record mode	Record video&audio simultaneously, independent dual stream (local recording and 4G remote video)
	Remote view	2688x1512,2560x1440,1920x1080,1280x720
Audio	Audio input	1x MIC input, support intercom connection with USB
	Audio output	Built-in high-quality speaker
	External audio port	10pin USB
	Compression	PCM
	Audio record	Separate recording, one-click switching between video & audio recording
Photo	Performance	8640x4752 / 7680x4288 / 5760x3216 / 1920x1080 optional
	Snap	Support to capture pictures in video mode
	Photo format	JPG
	Multiple photos shooting	5/10/20/25 frames
Lens	Lens	5 million HD lens
	Angle	105 degrees (HOV)
	Digital zoom	8X
	Geometric distortion	less than 16%
Storage	Data storage	Built in 32GB TF card(available for 32~256GB)
Light source	IR	Infrared light to be turned on automatically/manually at low illumination to enhance shooting effect
	IR distance	10M: human body shape visible; 7M: facial features recognized .
	Flash light	To increase brightness when you are recording or taking a photo
	Laser	Auxiliary locking imaging center or laser marking
Communication port	USB	1x USB Mini port
External device	External camera	Support external 1080P HD IR camera (optional)
Network	Protocol	TCP/IP, RTSP, RTMP, GB/28181
	3G/4G	FDD-LTE/TDD-LTE/WCDMA/EVDO/GPRS
	WiFi	Support (optional)
	Bluetooth	Bluetooth 4.0 (optional)
GPS	Positioning	Built-in GPS. Support GPS/GLONASS (optional )
Firmware	Facial recognition	Face recognition with deep learning algorithm, massive local blacklist or cloud recognition (optional)
	Plate number recognition	Support (optional)
	Voice control	Support (optional)
	G-Sensor	Support (optional)
	Voice broadcast	Support (optional)
	Playback	Support local playback, search video files by time, alarm, etc.
	Remote view	Support remote online playback & file download
	Cluster intercom	Support single call & group call (optional)
	Text overlay	Overlay time, device ID, user number, location information, speed information, etc.
	Overwrite	Support
	Playback speed	Fast forward/backward 1~128 times
	Pre&Post recording	10s pre-recording, 60s post-recording
	Safe mode	Safe mode is limited to basic operations such as video/audio recording, taking pictures, etc., not capable of modifying or setting parameters
	Encryption	AES256 encryption
Log	Record key operation, setting change, recording on/off, alarm, etc.	
Software	hPlayer	Multiple cameras simultaneous playback, including the encrypted files. At the same time it analyzes the data information in the file.
	CMSV6	Support real-time preview & positioning, track playback, intercom, remote command issuance, etc.
Upgrade	Firmware upgrade	Upgrade via USB interface or remote upgrade on CMSV6
External device	External camera	Support external 1080P HD IR camera (optional)
Power	Battery capacity	2*2700mAh battery
	Backup battery	Built-in a 60mAh battery to ensure continuous power during replacement.
	Working hour	1920x1080: Minimum 18 hours of continuous recording with two batteries
	Charging time	1A power adaptor, 4 hours charging
Working environment	Temperature	-30--55°C
	Humidity	40%~80%
Other	Cradle	-30--55°C
	Time	40%~80%

<b>Indicator</b>	Charging and USB data transfer
<b>Waterproof</b>	IP56
<b>Free drop</b>	2m
<b>Size</b>	34.8" x 23.2" x 13.5" , 88.4mm x 59mm x 34.3mm
<b>Weight</b>	0.45oz (w/ clip & battery included)

**High quality recording:** Record resolution up to 2688x1512 (1512P).

**Live Streaming:** The camera has the ability to stream in real time via 4G or WiFi connectivity. High quality video can now be seen live in the control center allowing real-time situational awareness and decision making. The operator can also understand the wearer's position by built-in GPS in camera. Alternatively, the wearer of the camera can send an alert back to a control centre with their live video, GPS location details.

**12-Hour full shift battery life:** 2 replaceable batteries and up to 12 Hour working life ensures your camera lasts a whole shift which is critical to ensuring recording capability.

**Record File Protection:** Using the AES256 encryption technology, the record file in the camera will be safe and be protected from unauthorized access.

**Interphone function:** By pressing the PTT button on the camera, the camera can work like a walkie talkie and talk to other cameras anywhere in the world via 4G or Wifi connectivity. (Optional)

**Foot Pursuit Activation:** With a built-in accelerometer, the camera can detect when an officer is running and trigger recording, allowing the officer to focus on remaining safe during a high-stress encounter.

**Facial recognition:** The camera can scan and recognize the faces of potentially everyone they see while on patrol. (optional)

**Rugged and Waterproof:** With rugged design and IP56 waterproof, the camera stands up to the most extreme environments. The camera can survive drops and impact and be used in the rain, dust and extreme temperatures.