



PROTECTION • SECURITY • INTEGRITY

Protector II Body Camera



- 1440 Full HD Video
- 36 Megapixel Camera
- Cluster Talkback
- Date and Time Stamp
- Night Vision Mode
- One Button Recording & Streaming
- GPS Function
- WIFI Function
- 2x Infrared Light
- 1x Laser Light
- Audio Voice Recording & Streaming
- Instant Playback
- Bluetooth Function
- Text Streaming

Description

Real Time Video Streaming

The Protector II Body-Worn Camera, with 4G LTE technology, has the capability of direct transmission of live video, audio and GPS locations in real time, day or night, to police headquarters. This provides situation awareness to observing security personnel and gives them the ability to make critical assessments and decisions to assist the officer in the field. This is accomplished while simultaneously recording the video on the camera itself. With 4G LTE or WIFI live video streaming is accomplished without the involvement of or need for smartphones.

36 Megapixel Camera

Arriving at the scene of an accident or crime the Protector II camera enables the officer to quickly snap photo images and video even while the unit is transmitting video in both night vision and full color mode to headquarters. The Protector II features a 36 megapixel camera. With the built in 64 GB memory the recorder can store high quality images instantly up to 40M at 8488 x 4752.

Night Vision Recording

The Protector II Camera features night vision capability up to 10 meters with visible face detection.

Audio / Voice Recorder

The Protector II police camera also has a built in voice recording for recording and transmitting audio when no video is needed. Perfect for recording victims or witnesses statements.

Instant Playback

The Protector II police camera provides instant playback allowing the officer to playback videos and images anytime on the 2 inch color LCD display. Videos can be paused, rewind and replayed.

GPS

The GPS function indicates on playback the exact location of the camera, as well as the time and date.

Two-Way Audio

The Protector II has the capability of built-in real-time communication with the control center.



Protector II Camera Specifications

Hardware

Chipset	Ambarella H22A35M
CMOS	OS05A20 5MP
Screen	2-inch LCD
Storage	Built-in 32GB/64GB/128GB/256GB
Battery	Built-in 3200mAH Lithium-Polymer Battery
Size	84.5mm*56.3mm*27.3mm
Weight	163g (0.36lb)
Shockproof	1.8m (5.9ft)
IP Rating	IP67
Indicators	3-color LED indicator for camera status, 3-color LED indicator for battery level
Wi-Fi	2.4G&5G, AP/STA/P2P,Wi-Fi channel can be set by cam manager
Bluetooth	Remote controller,support second development
IR LED	Up to 10 meters Face Recognizable (2 IR LED)
GPS	Support
4G	Support
Clustered Talkback(PTT)	Camera talk to cameras, camera talk to command center, command talk to cameras can set cameras to groups from camera GUI or from command center software
NAND Flash	256MB
Working Temperature	-20~+55 Degrees Celsius
Storage Temperature	-40~+60 Degrees Celsius
Interface	USB 2.0 for Data Transfer and Charging

STANDARD ACCESSORIES

Drop-in Dock, USB Cable, Wall Charger, 360-degree Rotatable Universal Metal Clip, Software CD, Manual

OPTIONAL ACCESSORIES

External Camera, Suction-cup Bracket, Epaulette Clip, Klickfast Stud, Magnetic Mount

Battery Performance

Continuously Recording Time	1080P Up to 12 Hours; 480P Up to 15 Hours; GPS and WiFi on at 480P30 12 hours and 30 minutes
Battery Status	Screen Display
Low Battery Warning	Beep Alert
Standby Time	100+ hours
Charging Time	4 hours

Software

Operating System	RTOS+LINUX
File Encryption	AES256 encryption during writing files to memory card; AES256 encryption RTSP Video/audio/Text streaming data
Network Security	Https&Http Server
WIFI Mode	AP / STA / P2P
USB Command & JSON command	All camera settings available under mass storage mode; All camera settings available under USB simple mode USB heart beat available; control over LED/buzzer available under mass storage mode Ambarella driver free even while USB encryption activated; Support driver free connection to computer
Pre-record	30 seconds to 1 minute varies from resolution settings
Post-record	30 seconds to 1 minute varies from resolution settings
SOS	Audio alarm activates in all cameras in same group and audio alarm in command center
Data Protection	Password required to view data when camera connected to PC
Watermark	User ID (6-Character Device ID and 6-Character User ID), Date&Time Stamp
One Button Recording	Support
Burst Mode	Available
Motion Detection	Support
Power-on Auto Record	Support

Video / Image / Audio

Video Format	.MP4 (Video Coding: H.265/H.264)
Video Resolution	2560x1440p@30fps; 1920x1080p@30fps; @60fps; 1280x720@30fps; @60fps; 848x480@30fp
Video Angle	HOV 140 degrees
Video Streaming Resolution	1280x720@30fps; 848x480@30fps; 432x240@30fps;
Audio Steaming	Support
Text Streaming	Command Center can send text message to camera
Streaming Bitrate	300kbs-4M kbs
Image Format	.JPEG
Audio Input	Built-in Microphone
Audio Format	.AAC
Snaph Shot	Capture photo while video recording

Camera Pricing



Protector II

64 Gigabytes

With 4G LTE, WIFI and GPS - \$416.50

**ALL OPERATING SOFTWARE
FOR LIVE STREAMING, STORAGE,
MAINTENANCE & MANAGEMENT
INCLUDED IN CAMERA COST**

Accessories

Magnetic Mount - \$25.00



External Camera - \$60.00



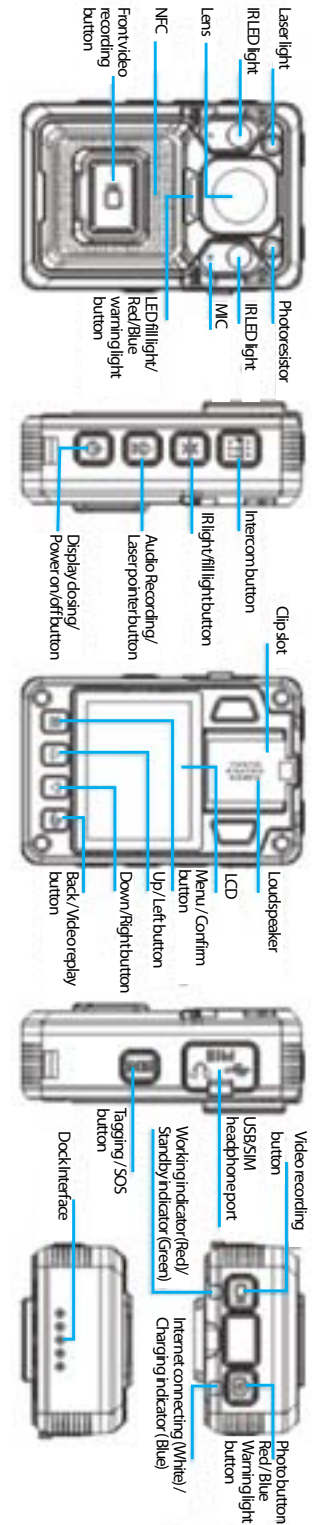
Chest Harness - \$25.00



Dash Mount - \$12.50



Protector II Camera Specifications





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Protector II Software Costs

ITEM	DESCRIPTION	COST
CMS SERVER V9	The Server & software used for direct transmission of LIVE video, audio, GPS location in real time.	\$0
CMS V6	Platform that provides network transmission of information for users to perform real-time remote video monitoring.	\$0
CAMMANAGER	Platform to check the files in camera & also used to change camera settings.	\$0
DEMS SA	Management software used to collect data from multiple cameras automatically from docking station. It manages data locally	\$0
DEMS V4	The SERVER version of DEMS SA. All data is uploaded to a Server and viewed and managed via INTERNET. License for 99 cameras License for 199 cameras License for unlimited number of cameras	 \$500.00 \$1,000.00 \$3,500.00

Protector II 10 Port Docking Station

Unit Price: \$650.00

Police camera docking station is the latest charging and data uploading device, which can connect up to 10 cameras, via USB2.0 port. In addition to total power of docking reach 120 W, each port can provide up to 2.0A

of self-adaption current, according to the connected devices. Users only need an office computer, without cumbersome wiring. It features multi-device data collection and charging.



Features:

- 1) All-metal structure, durable and tough.
- 2) Fully compatible with USB1.1 and USB2.0, plug & play.
- 3) With overload voltage and instantaneous current protection. Each port provides up to 2.0A current.
- 4) 10 docks for PROTECTOR II camera, so convenient and neat.
- 5) 4 pads to support docking station.
- 6) 7 air vents, and a fan for the motherboard. Effective control from overheats.
- 7) With main switch to power on/off, directly control.
- 8) Support Windows 98/ME/2000/XP/Vista/ 7 / 8 / 10.

<i>Police Body Camera Docking Station</i>	
Function	Multi-units data uploading and charging
Maximum Quantity of Supported Units	10 PCS
Each port provides a voltage	5V
Each port provides a maximum current	2.0A, adaptive according to the connected device
Maximum Input Power	120W
Dimensions	39x23x12cm
Net Weight	4.7 KG
Accessories	USB Data Cable, Power Cable

8 Ports Docking Station Protector II

Unit price: **\$1000/each (2TB)**

Unit price: **\$1200/each (6TB)**

Police camera docking station is the latest charging and data uploading device, which can connect up to 8 cameras, via USB2.0 port. In addition to total power of docking reach 120 W, each port can provide up to 2.0A of self-adaption current, according to the connected devices. Protector II features a touch-screen PC inside, which can be directly used to install management software for data uploading.

Features:

- 1) All-metal structure, durable and tough.
- 2) Supported system: Windows 10/11.
- 3) 8-inch Touch Screen PC.
- 4) Assembled with 2TB Removable HDD
2.5-inch and 64GB built-in SSD.
- 5) 1x RJ45; 1xUSB 3.0
- 6) 8 docks for Protector II, convenient
and neat.
- 7) With main switch to power on/off,
directly control.
- 8) With dual protection on output, it can
protect the cameras from overloading,
including overload voltage and instantaneous
current, each port provides up to 2.0A current.



Screen	8-inch Touch Screen
System	Windows 10/11
CPU	Inter(R) Core(TM) i3-2350M CPU @2.30GHz
Harddisk1	Standard 2TB or 6TB Removable HDD 2.5-inch
Harddisk2	Standard 64GB built-in SSD
RAM	2GB
Interface	1x RJ45; 1xUSB 3.0
Input	100-120V AC2.0A, 200-240V AC1.2A(Optional)
Dimensions	44*31*12 cm
Net weight	8 KG
Accessories	Power Cable

The Sentinel Metal Sensor

Unit Price: \$125.00

In critical situations officers must focus on protecting themselves or others. The Sentinel Metal Sensor wirelessly activates an officer's body-worn camera when they may not have the time, or free hand, for manual activation.

The Sentinel Metal Sensor pairs to a body worn camera and attaches to a holster. When the sensor detects the weapon being unholstered, it automatically activates the body-worn camera.



Detailed parameters :

Metal Sensor	Model Name	S1
	Dimension(LxWxH)	50mm*22mm*10mm
	Weight	20g
	Waterproof performance	IP66
	Operational Temperature	- 20 - 55 °C
	Charging Temperature	0 - 45 °C
	USB Port	Type C
	Battery charging	<3 Hours
	LED	BLUE/RED
	Button	Capture Button
	Battery	65mAh
	Size	9mm*48mm*20mm
	Trigger distance	8mm
	Idle Mode	12 weeks
	Working Mode(Connect/Beacon)	6 weeks
	Application	Body Worn Cameras; Android; IOS