



PROTECT  
THOSE WHO  
PROTECT  
US



[www.eviicam.com](http://www.eviicam.com)

SHENZHEN UNITEK TECHNOLOGY CO.,LTD.

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BODY WORN CAMERA

Professional Body Worn Camera Manufacturer



## ■ ■ ■ Company Profile:

Shenzhen Unitek Technology Co., Ltd. was founded in 2007 with its all professional optoelectronics staff installing the head office and the modern state-of-the-art manufacturing center in Shenzhen. Unitek is focused on the R&D, marketing and manufacturing of digital image products ranged from security camera such as law enforcement camera to consuming image product such as digital camcorder, hunting camera, fishing camera etc. Our product designing principle is that all products must be designed based on the market and our customers' need. With this principle and the support of our skilled engineers working for image field at least 12 years, Unitek has developed to be the leader and innovator of security and consuming cameras in Shenzhen. With the development of these 10years, we have cooperated with many great clients all over the world for OEM and ODM project yet.

Customers' satisfaction is our eternal pursuit!

Our company principles: live on quality and develop on service.

Our product designing principle: products designing based on customers' requirements and market need.

All customers are warmly welcomed to cooperate for OEM and ODM project.

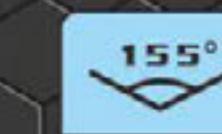
01  
DX



Built-in WIFI



Rain proof  
dust proof



Extra wide  
angle lens



IR night vision



One-key operation

## [ DX01 BODY WORN CAMERA ]

Professional body worn camera manufacturer

Rain proof , dust proof.



### Infrared night vision function

Effective distance up to 15meters

	<b>Image resolution</b> 760x432@33M(max)		<b>Video resolution</b> SHD:2304x1296(30fps)
	<b>Rain proof &amp; dust proof</b> Level: IP66		<b>Lens</b> F/NO=2.5,155° wide angle lens
	<b>IMP mark</b>		<b>Ambarella Chipset</b>
	<b>Motion detection</b>		<b>Walkie-talkie</b>
	<b>2m anti-drop</b>		<b>File management</b>



### Convenient one-key operation

All with different voice prompts, convenient for user to understand device working status. By one-button operation to control photo capture, video, microphone, playback and etc, to ensure quick access to the working status in emergency to help protect user legal rights.

O2  
DX



Built-in GPS



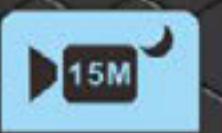
Built-in WIFI



Rain proof  
dust proof



Extra wide  
angle lens



IR night vision

## [ DX02 BODY WORN CAMERA ]

Built-in GPS and WIFI live video transmission



### Built-in GPS

GPS+WIFI guarantee accurate position both interior and outdoor



### Infrared night vision function

Effective distance up to 15meters



Image resolution  
7696x4329(33M)max



Video resolution  
SHD:2304x1296(30fps)



Rain proof & dust proof  
Level: IP66



Lens  
F/NO=2.5,170° wide angle lens



IMP mark



Ambarella Chipset



Motion detection



Walkie-talkie



One-key operation



2m anti-drop



### Overmolding housing

To ensure camera dustproof rainprrof and more durable for use.



### Accessories

Standard

Optional



AC charger



USB cable



Crocodile clip



Harness



Single charging dock



External camera



Carcharger



PTT cable



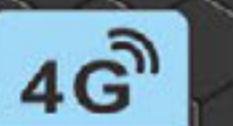
Car mount



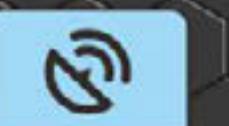
Long clip & Shoulder clip

03

DX



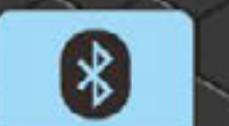
Built-in 4G



Built-in GPS



Built-in WIFI



Bluetooth 4.1



Rain proof  
dust proof

## [ DX03 BODY WORN CAMERA ]

4G / 3G live streaming + 3.5-inch touch panel



**4G live streaming  
+3.5-inch touch panel**

**4G**

Built-in 4G/3G  
Live video audio transmission



Rain proof & dust proof  
Level: IP66



Qualcomm chipset



Infrared night vision function  
Effective distance up to 15meters



3.5" capacitive touch panel



**Built-in GPS**  
GPS+WIFI guarantee accurate position both interior and outdoor



**Built-in WIFI**  
Live video audio transmission



**Lens**  
F/NO=2.4, 167°wide angle lens



**Bluetooth 4.1**



**Android 7.1**



### **4G live video audio transmission**

DX03 can offer various ways for transmission, it can achieve the function not only through WIFI, but also can be done by 3G/4G real-time transmission.

The video resolution can be 1920x1080 and it can reach up to 1080P under 4G live transmission. The data can be transmitted synchronously in any environment with network.

# 05

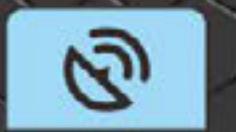
DX



EVICAM



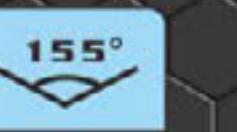
Built-In WIFI



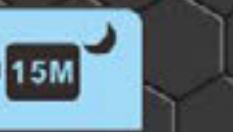
Built-in GPS



Rain proof  
dust proof



Extra wide  
angle lens



IR night vision

## [ DX05 BODY WORN CAMERA ]

Mini Size With Powerful Functions



The best, only smaller.

	<p><b>Built-in GPS</b> GPS+WIFI guarantee accurate position both interior and outdoor</p>
	<p><b>Rain proof &amp; dust proof</b> Level: IP66</p>
	<p><b>Image resolution</b> 7696x4329(33M)max</p>
	<p><b>Ambarella Chipset</b></p>
	<p><b>2m anti-drop</b></p>
	<p><b>Built-in WIFI</b> Live video transmission</p>
	<p><b>Lens</b> F/NO=2.5, 155°wide angle lens</p>
	<p><b>Video resolution</b> SHD:2304x1296(30fps)</p>
	<p><b>Infrared night vision function</b> Effective distance up to 15meters</p>
	<p><b>One-key operation</b></p>

## Function introduction

DX05 uses advanced Ambarella chipset A7L. Built-in 6pcs Osram IR LED up to15m night visual range could reappear the live show perfectly in night scene where the brightness is insufficient.

Super big recording key is specially designed for quick starting.



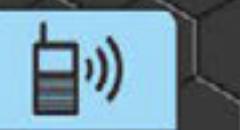
O6  
DX



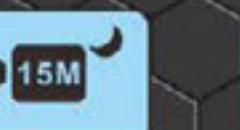
Rain proof  
dust proof



Extra wide  
angle lens



Walkie-talkie



IR night vision



One-key operation

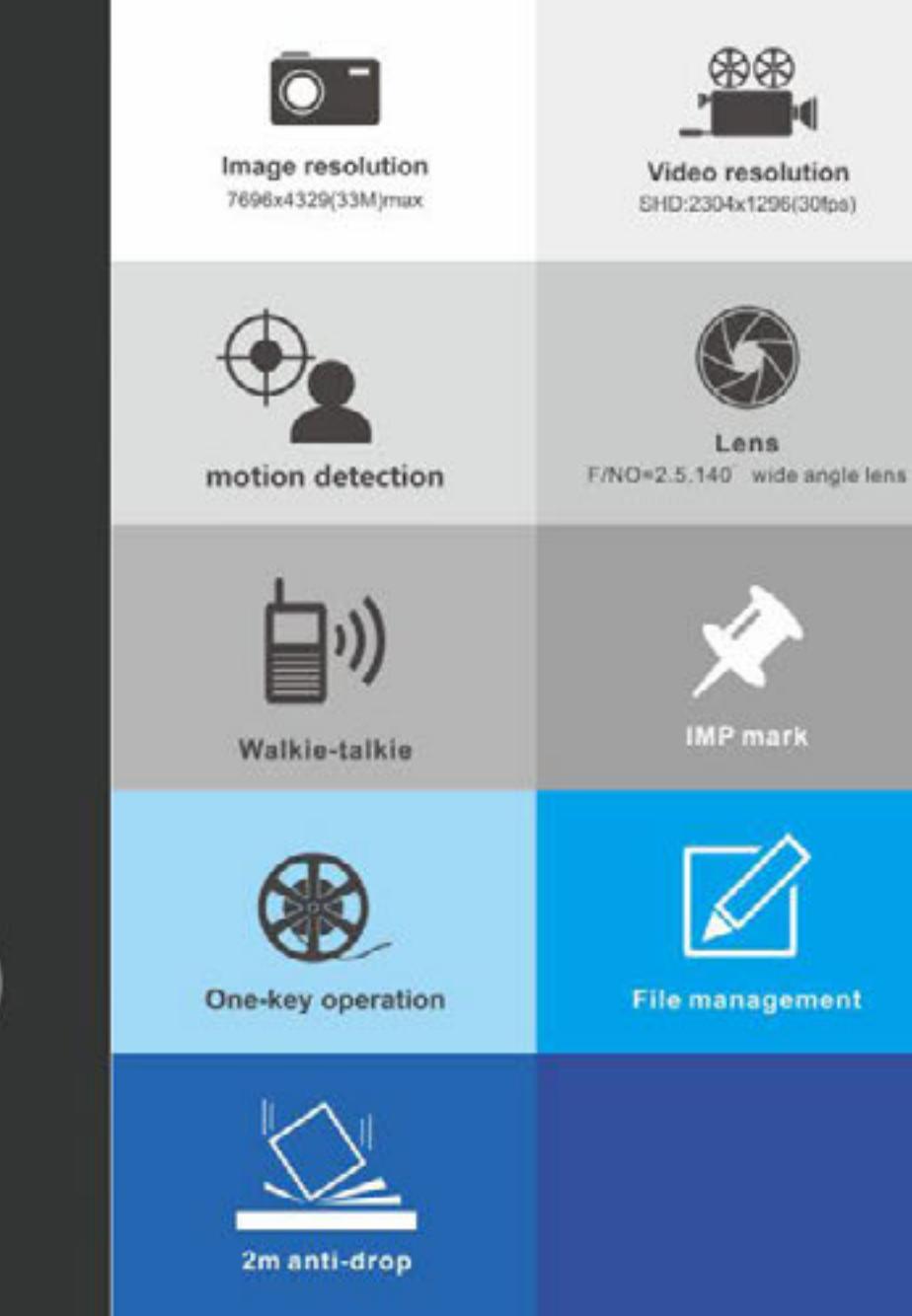
## [ DX06 BODY WORN CAMERA ]

Rain proof - Shockproof - Super Night Vision



## Safe and environmental friendly housing

Corners anti-drop design to guarantee components and data security



## Super Night Vision

Built-in infrared lights with effective distance up to 15 meters. Photosensitive reaction detecting the environment brightness to activate IR function automatically while working.



## Walkie-talkie

The body worn camera can serve as on-shoulder microphone when connect with walkie-talkie by PTT cable. It offers good quality audio and clear communication in noisy environment. The walkie-talkie function works independently and has no affection on video recording. It still can transmit voice to walkie-talkie even BWC is out of power.



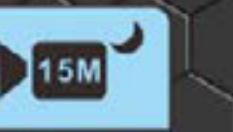
07  
DX



Rain proof  
dust proof



Extra wide  
angle lens



IR night vision



Removable  
Battery



Multi-buttons

## [ DX07 BODY WORN CAMERA ]

Built-in White compensation light / removable batteries / long battery life



## Excellent night vision Bulit in White compensation light

- The 2 unit white compensation light can supplement light and improve video and image quality;
- The White compensation light also can supplement light in night,to take recording or photos without switch on IR mode.

Image resolution 36M max	Video resolution SHD:2304x1296(30fps)
Rain proof & dust proof Level: IP66	Lens F/NO=2.5,150° wide angle lens
IMP mark	HDMI interface
Walkie-talkie	Motion detection
Removable Battery	2m anti-drop



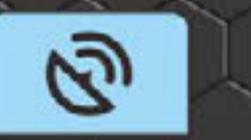
## Humanized multi-buttons design

It is up to 11 buttons to meet the use in different environments. High power white compensation light to supplement light to guarantee normal recording in bad IR environment.

08  
DX



Built-in 4G



Built-in GPS



Built-in WIFI



Removable  
Battery



Rain proof  
dust proof

## [ DX08 BODYWORN CAMERA ]

4G / 3G live streaming

# A ROBUST AND POWERFUL 4G BODY WORN CAMERA



4G

Built-in 4G/3G  
live video audio transmission



Built-in GPS  
GPS+WIFI guaranteed accurate position both interior and outdoor



Rain proof & dust proof  
Level: IP66



Built-in WIFI  
Live video audio transmission



MediaTek chipset



Lens  
F/NO=2.4, 130°wide angle lens



Removable Battery



Video resolution  
FHD:1920X1080(30fps)



White compensation light



Android 6.0



## 4G live video audio transmission

DX08 can offer various ways for transmission, it can achieve the function not only through WIFI, but also can be done by 3G/4G real-time transmission.



## Mini Size + Removable Battery

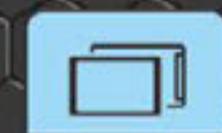
DX08 has a size of 84.5\*58\*29mm, it is the smallest size among current 4G body cams on the market. It has removable batteries to meet requirement of long recording time and live video transmission.

01

PDS



Embedded System



Twin hard disk



Portable



Cloud platform

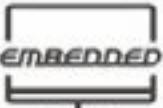
## [ PDS01 MULTIBAY DOCKING STATION ]

To create a mobile platform integrating speedily operation and Cloud platform

# PDS01 MultiBay Docking Station

## Outstanding Features

- 8 devices simultaneously accessing
- Can be mounted on any flat surface
- Auto data importing
- Auto recognition
- Easy Operation: Plug and Play, Convenience, Easy Centralized management
- Stable System: X86 architecture, mature and stable technology, easy to maintain
- Save place, you can place it on the desk or hang it on the wall
- Subversion design: allows multiple workstations to be combined into a data acquisition workstation array, expanding and decreasing as needed, and subverting the traditional data acquisition workstation model.



Embedded System



Twin hard disk



Data collection



Cloud platform



Convenient recharging

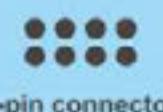


8-pin connector

For charging and Data downloading,  
stable and convenience.



Multi-docking station management  
It is possible to manage many docking  
stations by one platform.

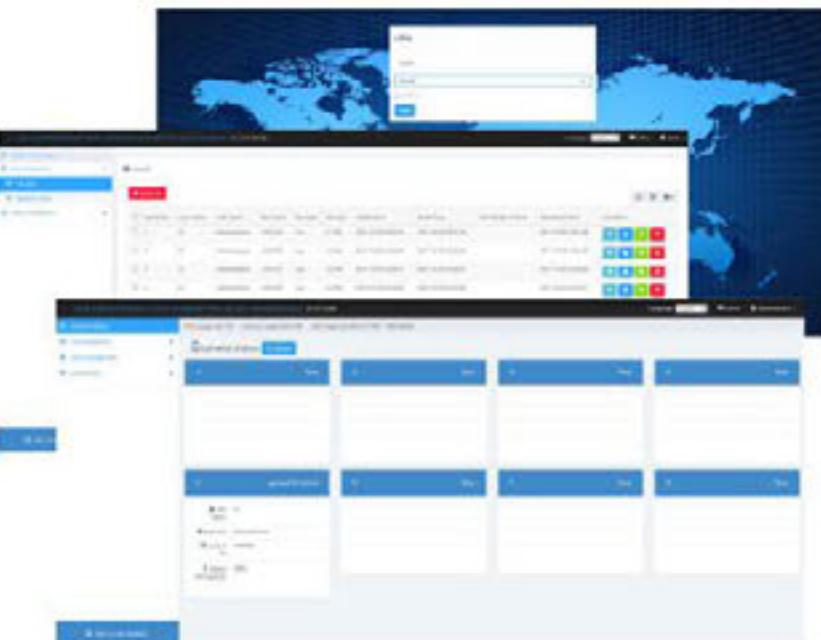


Desktop workstation



## Eviicam data acquisition system

- Data acquisition, data retrieval, data browsing, data copying, data playback, automatically delete, expired file automatically delete and data storage ,etc.
- Connect with 8 body worn cameras for data transmission & charging work at the same time.
- Import data, delete body worn camera's data automatically after data import fully and successfully.



O2  
PDS



Metal housing



Special software



Portable



FTP platform

## [ PDS02 MULTIBAY DOCKING STATION ]

Multibay Data Transmission and Charging Portable Terminal

# PDS02 MultiBay Docking Station

## Outstanding Features

- 8/10 Devices simultaneously accessing
- Auto data downloading
- Auto recognition
- Auto charging



Model	PDS02
Housing	Metal
Main control board	USB HUB IC
Indicator	Red power indicator*2; Green power indicator*8
Station dimension	325*275*90mm
Net Weight	2kg
USB Ports	High speed USB3.0*2
Body camera connectors	Pin connectors*8
Power supply interface	12V DC
DC Input voltage	12V
Bodycamera connector output Voltage	5V
Bodycamera fix slot	Set of Pins slot*8/10
Devices access	Connect with 8/10 body cameras for data transmission & charging work in the same time
Data Transmission	Import data and charging body camera automatically
System Platform	Compatible with 32/64bits Windows 7/8/10
Operation Software	Basic PC software and optional Professional data management software
Power supply cable	1
Power supply adapter	DC12V 5A
USB3.0 cable	2
Others	User manual, Warranty card



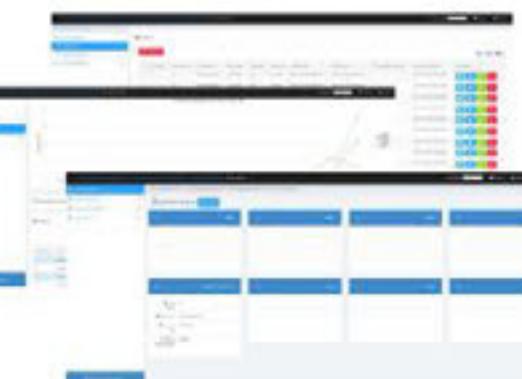
## 8/10 slots with pin connectors

PDS02 is with pin connectors to guarantee cameras' connection more stable and more convenient.



## PC Management Software

It is our private developed software for acquiring data more quickly and processing data in bulk.



# System

## BODY WORN CAMERA Overall solution



## System composition

The management system solution consists of body worn camera, portable docking station and management platform which complete the video recording, automatic data acquisition and data management function respectively.

Portable docking station uses the intranet to connect to management system, the users who come from primary level to senior staff are all allowed to access into the system, and different level user has different permissions. The system can realize the automation of data copy and upload, cross-regional data inquiry, data sharing and data statistics in real time through acquiring data from the user.

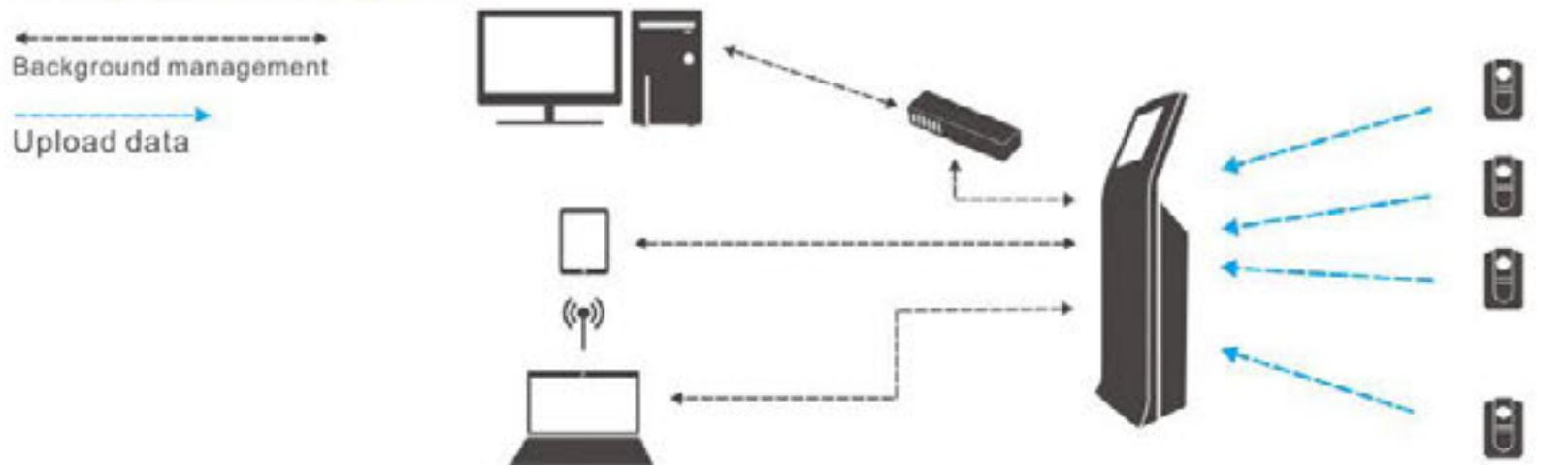
## Embedded modules platform



Remark: Different functions for different software versions.

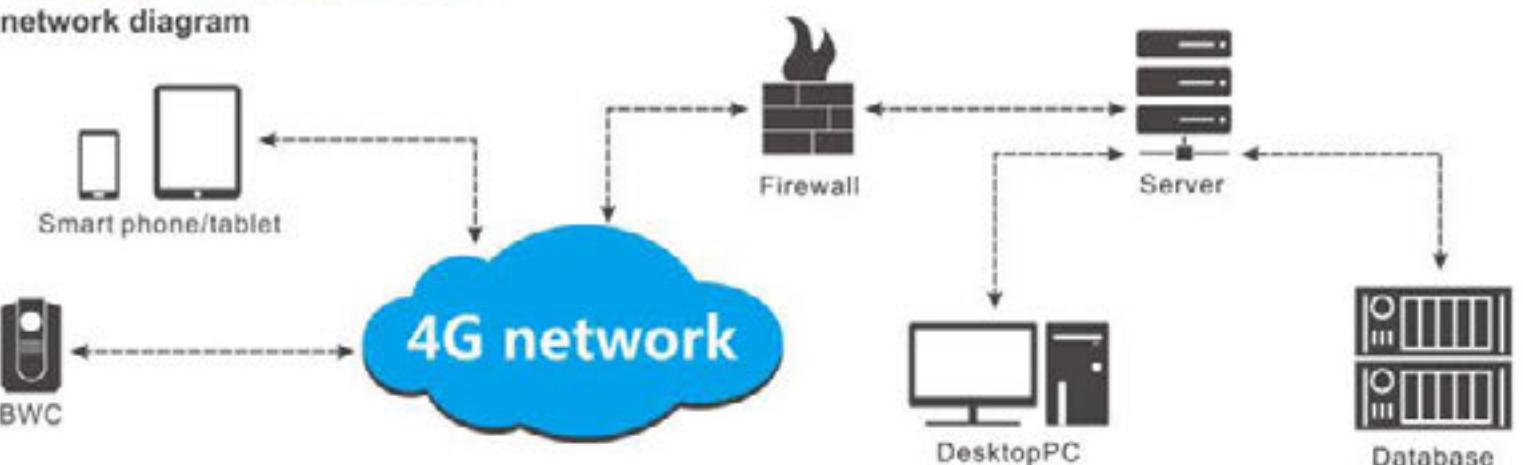


## BODY WORN CAMERA Overall solution



## Smart control system

### System network diagram



Model	DX01(series)	DX02(series)
Chipset	Ambarella A7L	Ambarella A7L
Sensor	CMOS sensor	CMOS sensor
LCD	2.0" High light LCD	2.0" High light LCD
Lens	F/NO=2.5, 155°wide angle lens	F/NO=2.5, 170°wide angle lens
Memory	Default 32G (up to 128G)	Default 32G (up to 128G)
Live video transmission	Work with WiFi	Work with WiFi
Built-in WiFi	Optional	Optional
Built-in GPS	NO	YES
Rainproof & dustproof	IP66	IP66
Working temperature	-30°C~55°C	-30°C~55°C
Storage temperature	-40°C~55°C	-40°C~55°C
Image resolution	7696x4329 (33M) max	7696x4329 (33M) max
Image format	JPG	JPG
Video resolution	SHD:2304X1296(30fps) FHD:1920X1080(30fps) HD:1280X720(60fps) HD:1280X720(30fps) (default) WVGA:848 x480(30fps)	SHD:2304X1296(30fps) FHD:1920X1080(30fps) HD:1280X720(60fps) HD:1280X720(30fps) (default) WVGA:848 x480(30fps)
Video (compression) format	MOV(H.264)	MOV(H.264)
Continuous video recording time	Around 8 hours (HD) Around 19 hours (WVGA)	Around 8 hours (HD) Around 10 hours (WVGA)
Continuous audio recording time	Around 10 hours	Around 10 hours
Night-vision distance	Strengthen energy-saving IR LED with 15 meters visual range	Strengthen energy-saving IR LED with 15 meters visual range
Photosensitive reaction	Working with automatic IR cut	Working with automatic IR cut
IR switching way	Auto	Auto
Playback	All files playback	All files playback
Photo taking while recording	YES	YES
Size(mm)	94mm(L)×60mm(W)×30mm(H)	93mm(L)×58mm(W)×30mm(H)
Weight	Around 141g(battery included)	Around 143g(battery included)
Built-in battery	2800mAh	2800mAh
Recharging time	Around 5 hours	Around 5 hours
Standby time	Around 16 hours	Around 16 hours
Standard accessories	User manual/Crocodile clip/AC charger/USB cable/CD	User manual/Crocodile clip/AC charger/USB cable/CD
Optional accessories	Charging station/Car mount/External camera/Car charger	Charging station/Car mount/External camera/Car charger

Model	DX03
Chipset	Qualcomm
Sensor	CMOS
Rainproof level	IP66
Screen	3.5"16:9 TFT / capacitive touch panel
Field of view	167° wide angle lens
Video input	1920*1080@30fps
Video resolution	Camera resolution 1920*1080@30fps /1280*720@30fps /640*480@30fps ; 4G live streaming video resolution up to 1080P
Video format	MKV
Photo format	Max. 2MP, .JPG
Shutter	Electronic
IR night vision	Auto/High power IR light
GPS	Built-in GPS
4G wireless transmission	Built-in 4G ; 6 systems 14 frequencies ( TDD, FDD ), TD, WCDMA, EVDO/CDMA UMTS, GSM Asia-Pacific / North American/ European market optional
Compass function	Built-in geomagnetism chip
WIFI	Built-in WiFi, support 802.11b/g/n 2.4G frequency technique
Bluetooth	Latest generation 4.1
Data connector	Mini USB 2.0
Charging method	AC charger/USB cable/Car charger/Multi-docking station, DC 5V/1000mA
Battery	Built-in 4500mAh
Memory	Built-in 32GB(up to64G)
Size	Around 104*71*30mm
Weight	234g
Photo taking while video	Taking photo while video recording
WLAN display	Yes
IR night vision	Strengthen energy-saving IR LED with 15meters visible distance
Browse/search/playback	Browsing, searching and playback recorded data based on recording time etc..
Water mark	Mark information while photo and video recording, such as time, date, user ID, device ID etc.
Indicator	Battery capacity, charging status, system time, rest space etc. power on, video recording, audio recording etc.
Time synchronization	Yes
Abnormality warning	Encrypted protection for recorded data. No deletion or over-writing without authorization. No missing while reset.
Wireless transmission	This BWG has the function of transmitting live video via 4G, 3G or WiFi
Command and control platform access function	This BWG can be directly connected to the communication control platform through 4G, 3G or WiFi network, real-time transmission of video and audio data, two-way voice intercom, remote command and dispatch functions. Built in GPS and Beidou generation 2 communication module, can receive satellite data and provide positioning information, and through the built-in communication module to upload real-time location information to the command center.
Walkie-talkie function	Online real-time intercom.

Model	DX05	DX06
Chipset	Ambarella A7L	Alt
Sensor	CMOS sensor	CMOS sensor
LCD	NO	2.0" High light LCD
Lens	F/NO=2.5, 155°wide angle lens	F/NO=2.5, 140° wide angle lens
Memory	Default 32G (up to 128G)	Default 16G (up to 64G)
Live video transmission	Work with WiFi	No
Built-in WiFi	Optional	No
Built-in GPS	Optional	No
Rainproof & dustproof	IP66	IP66
Working temperature	-30°C~55°C	-30°C~55°C
Storage temperature	-40°C~55°C	-40°C~55°C
Image resolution	7696x4329 (33M) max	33M max
Image format	JPG SHD:2304X1296(30fps)	JPG SHD:2304X1296(30fps)
Video resolution	FHD:1920X1080(30fps) HD:1280X720(60fps) HD:1280X720(30fps) (default) WVGA:848 x480(30fps)	FHD:1920X1080(30fps) HD:1280X720(60fps) HD:1280X720(30fps) (default) WVGA:848 x480(30fps)
Video (compression) format	MOV(H.264)	MOV(H.264)
Continuous video recording time	Around 9 hours (HD) Around 12 hours (WVGA)	Around 8 hours (HD) Around 10 hours (WVGA)
Continuous audio recording time	Around 10 hours	Around 10 hours
Night-vision distance	Strengthen energy-saving IR LED with 15 meters visual range	Strengthen energy-saving IR LED with 15 meters visual range
Photosensitive reaction	Working with automatic IR cut	Working with automatic IR cut
IR switching way	Auto	Auto
Playback	All files playback via WiFi app	All files playback
Photo taking while recording	YES	YES
Size(mm)	69.5mm(L)x58mm(W)x31mm(H)	94mm(L)x60mm(W)x30mm(H)
Weight	120g	Around 141g(battery included)
Built-in battery	3150mAh	2800mAh
Recharging time	Around 6 hours	Around 5 hours
Standby time	Around 16 hours	Around 16 hours
Standard accessories	User manual/Crocodile clip/AC charger/Single charge dock/USB cable/CD	User manual/Crocodile clip/AC charger/USB cable/CD
Optional accessories	Car mount/Car charger	Charging station/Car mount/External camera/Car charger

Model	DX07	DX08
Chipset	Ambarella A7L	MTK
Sensor	CMOS sensor	CMOS sensor
LCD	2.0"high light LCD	2.0"high light LCD
Lens	150°	130°
Memory	Default 32G (up to 128G)	Default 32G (up to 128G)
Live video transmission	No Via 4G or WiFi	Yes
Built-in WiFi	No	Yes
Built-in GPS	No	Yes
Rainproof & dustproof	IP66	IP68
Working temperature	-30°C~55°C	-30°C~55°C
Storage temperature	-40°C~55°C	-40°C~55°C
Image resolution	36MP at max	33MP at max
Image format	JPG	JPG
Video resolution	2304X1296(30fps)	1920×1080@30fps 1280×720@30fps 864×480@30fps 640x480@30fps 4G live streaming video resolution 720P@24fps
	2560X1080(30fps)	
	1920X1080(30fps)	
	1280X720(60fps)	
	1280X720(30fps)	
	848X480(60fps)	
	848X480(30fps)	
Video (compression) format	MP4(H.264)	MP4(H.264)
Continuous video recording time	4H by1080P each battery	4H by1080P each battery
HDMI	Yes	No
White compensation light	Yes	Yes
Laser light	Yes	Yes
IR night vision	Yes	Yes
Photosensitive reaction	Yes	Yes
IR switching way	Auto	Auto
Playback	All files playback	All files playback
Photo taking while recording	Yes	Yes
Size(mm)	79mm(L)x58mm(W)x27mm(H)	85mm(L)x58mm(W)x29mm(H)
Weight	130g	TBD
Battery	1800mAh × 2	1950mAh × 2
Recharging time	4H for single battery	4H for single battery
Standard accessories	User manual/Crocodile clip/AC chager /USB cable/Single dock	User manual/Crocodile clip/AC chager /USB cable/Single dock

Model	PDS01
CPU	Intel Industrial CPU
Built-in Memory	8G
Hard disk	Default 2T , Maximum support 8T
Main board	Industrial standard mainboard design
Power supply	DC12V 8A * 1 Adapter
Fans	1
Indicator	Power indicator*1 ; Station status indicator *3 , Bodycamera data transfer indicator*8
Switch	Power on/off button*1
Station dimension	325*275*90mm
Net Weight	3.2kg
Bodycamera connectors	Pins connector*8
USB Extended interface	1
Power supply interface	12V DC port
LAN	Gigabit Network Interface *1
DC Input voltage	DC12V
Bodycamera connector output Voltage	5V
Platform system	WINDOWS
Application Software	Eviicam data acquisition system
Visible Operation menu	Workstation status can be setting and viewed through the background system
Bodycamera fix slot	8*pin connector to make data transfer & auto charging function
Devices access	Connect with 8 cameras for data transfer & charging work in same time
Data transfer	Import data, delete camera's data automatically after date import fully and successfully
Administration control by different level	Files processing, file management
Files processing	Create and delete folders, and classify files
Common function	Time proofreading, status indication,automatic charging, log function, network parameter setting,quick operation
Data safety	Data security, data integrity protection,resume from break-point , sorting function, fault alarm, privilege management
Resume from break-point	Support
Data processing function	Data acquisition, data retrieval, data browsing, data copying, data playback,automatic delete, expired file automatically delete and data storage ,etc.
Power supply cable	Power adapter cable
LAN cable	1
Power adapter	DC12V adapter*1