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DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE**



A8X Body Worn Security Camera Ultra HD 1512P

Model Number – X8A

Short Description

X8A Body Worn Security Camera Ultra HD 1512P is the latest in H.265 advanced video compression. H.265 compression is Ultra HD 1512P recording, twice the resolution of 1080P. H.265 is not only a superior quality video & audio codec, but it also needs less memory. UHD 1512 30P is the highest quality body security camera in the market to date.

Each kit is supplied with a charging cradle, Australian power supply, shirt/shoulder rotational camera clip and 64GB internal memory. See our optional body worn camera harness, windscreen suction cup, car charger and our 8 x Body Cam Docking Station with removable HDD.

Volume trade discounts available

Description

The H.265 Ultra HD 1512P Security Body Camera is the best personal body worn security camera offering the latest technological advances. Instant one touch audio and video recording with selectable IR or LED Night Vision plus GPS. Easy menu access to the 5cm (2") built in HD colour monitor. The X8A isn't just smaller in size, it's more powerful, added features, now with H.265 Video Compression and 1512P Ultra High resolution, IP66 rated and structurally more robust in comparison tests. This wearable body camera is strong and can handle the drops and knocks.



The body-camera casing is robust with solid rubber surrounds designed to take impact, even if dropped from a height of 2m.

Extreme HD 2688 x 1512 30P selectable video recording resolution, is now outstanding with clear facial ID up to 10m even in complete darkness. The internal battery allows for much longer recording capacity surpassing most others. The X8A rechargeable lithium battery is smaller, lighter, and significantly more powerful.

The X8A Police & Security Guard Camera supports both constant or motion activated recording. Unlike other body worn security cameras, nothing compares to the X8A Security Body Cam and for good reason. Professionally designed for Police & Law Enforcement, Security officers, Patrol guards, Insurance Investigators, Council staff or anyone with personal security camera requirements. 32 x Digital zoom and 5-40 Megapixel photo quality, is there a higher quality body camera? Don't forget to inquire about our volume order discounts.

What's the difference between H.264 and H.265?

H.265 requires half as much bandwidth for the same task, but it also requires more powerful hardware, and this camera supports the higher quality hardware.

To compare H.265 vs H.264 file size, H.265 will always come first, providing 25% to 50% more data compression benefits by reducing the bitrate whilst maintaining the same video quality as H.264. The file encoded with H.265 is almost half in size of H.264 whilst balancing the same image quality. A small file always needs less device storage space. H.264 handles up to 4K (4,096x2304) resolution whilst H.265 supports picture resolution up to UHD 8K (8192x4320).

H.265 provides higher video quality while maintaining the same low bit rate. Unlike H.264, H.265 has added a higher fidelity Main 10 profile in almost all supporting hardware. So, in terms of H.264 vs H.265 file size, there is no doubt that H.265 is superior by providing around 1 to 3X smaller video size than H.264. So, it's clear, H.264 vs h 265, there is no doubt H.265 is in first place.

H.264 uses macro-block processing units that involve a picture frame span of 4x4 up to 16x16 pixels. On the other hand, H265 uses an advanced block structure called Coding Tree Units (CTUs) that can process span up to 64x64 pixels. Therefore, the motion compression technologies are way more advanced in H.265 as compared to H.264.

Furthermore, Infra-frame prediction function is more detailed in H.265 compared to H.264. Only 9 directions of motion are allowed by H264 although 35 directions of motion are allowed by H.265. So, in H.265 vs h.264 quality parameters, H.265 is way ahead. As mentioned, our A8X body worn security camera supports both H.264 and H.265 and this is most important when it comes to your decision on which bodycam is best for you.

Resolution	H.264 Bandwidth	H.265 Bandwidth
480P	1.5Mbps	0.75Mbps
720P	3 Mbps	1.5 Mbps
1080P	6 Mbps	3 Mbps
4K	32Mbps	15 Mbps



Each security body worn camera has a unique ID (username) and password. During recording playback, the user's name, recording time and date are all depicted. This feature is important particularly where multi security body cameras are in use. Each camera recording is digitally ID watermarked and can be referenced back to the actual person who recorded the event.

Should the camera be lost, accidentally or intentionally fall into the wrong hands, camera settings can't be accessed. Recordings and other camera functions can't be accessed, deleted, or edited without the Administrator password. This ensures the person wearing the camera doesn't have the ability to delete or edit potentially sensitive evidence. Adding a unique camera ID and password is the administrator's choice.



Strong and lightweight, this security bodycam is designed to be shirt pocket or shoulder carried (various clips provided) and with a simple one button press, the body-camera will vibrate upon activation plus a short audio announcement telling the user that the device is recording or being switched off. The audio announcement can be switched on/off in the camera settings. The same applies to other camera functions including night vision. It isn't necessary to open the camera settings in order to switch on IR or LED night vision because it's now one touch activated.



Camera options?

The X8A Body Worn Police Security Camera is available with a range of options. This particular model has 64GB internal memory which is ample for any profession. 128GB models available by order. At the highest recording resolution, it will use approximately 3GB/hour of memory (more than 20 hours or more of continuous recording) however by slightly lowering the recording resolution, this can massively impact recording duration.

Camera settings allow for the device to be programmed to "stop" recording when memory is full or auto recycle "loop" record. When memory capacity is full, the earliest recordings are auto deleted to make way for new recording, so you always have access to the previous 20 hours or more of recording depending on set resolution.



What is GPS Mapping?

GPS mapping is standard with each Body Camera. Mapping is interfaced with the recording to show the exact recording time, date and video recording location. During video playback, see exactly where that video was taken by way of mapping. There is no cost for this service and this function can be switched on/off.

Can I playback Recordings on my PC or MAC?

Yes each camera is supplied with a USB lead. Connect the camera to your PC or MAC USB interface (no software needed) and it will prompt for the camera ID or password. Enter that password to have access to all camera recordings which of course can be easily download to PC hard drive or deleted from camera memory etc. Whilst connect to PC the camera battery is being recharged.

What are some of the other features?

Our new version Security Body-Camera is a super high definition audio/video recorder especially designed for Law Enforcement or for any personal security need. Record at a Super High 1512P resolution surpassing most others. BodyCam resolution may be settings altered to suit individual needs. As mentioned, the higher set resolution, the faster it will use memory space although functions and recording duration is menu selectable. All recordings are time and date stamped and digitally watermarked for authenticity.

A single button press will arm and disarm recording and a tactile vibration alerts the user to those features when armed or disarmed. A small LED is another visual means of knowing when the camera is armed and recording or not recording.

Can this camera record still pictures?

Absolutely and not just any still pictures, but selectable from 5, 20, 25, 30 even 40 Megapixel quality. One button press will capture photos images at the pre-selected quality however, this camera has another unique featured called photo-burst. Photo-burst instructs the camera to take a series of pictures from 1-15 each 1 second apart. Pan the camera and capture professional time and date stamped rapid succession pictured at between 5-40 megapixel. Another feature which sets this body cam apart from others is the ability to not just take rapid snap still pictures but do so whilst video/audio recording day or night.

FULL HD 1080P VS Extreme HD 1512P

With the 1512P ultra high definition, this unit has the highest resolution in the market, ensuring excellent footage day or night.

Compared to 1080P resolution, the image quality has been increased by 2 times. Get ready to receive all the extraordinary images anytime and anywhere.



What if I just need audio recording?

Yes the A8X body camera supports that function with a simple one button press and then switch back to video and audio recording. Audio recording is ideal for witness statements or simply recording who said what.

H. 264 Technology VS H. 265 Technology

H. 265 video coding standard h. 265 upgrade, is commonly used 4K video coding format, the same image quality and bit rate, h. 265 to take up less storage space.



50%

Broadband in half
Transfer the same quality,
just half of broadband

50%

Stored in half
Half the same image
storage space savings

100%

Quality ascension
Under the same conditions
Quality is more delicate

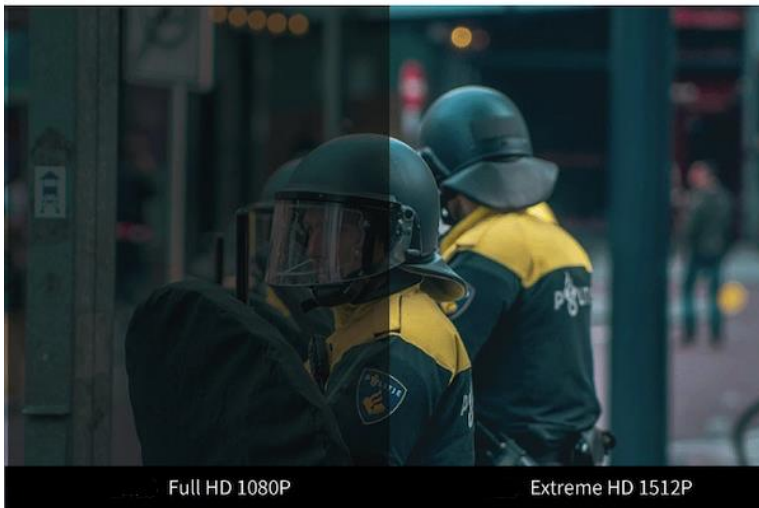
H.264
H.265

Perfect compatibility
H. 265 and H. 264 free switch

Night Vision Recording

Our body worn security camera comes with a night vision IR button which auto switches the camera to B/W mode at night although the night to day vision can be easily toggled off at the user's discretion. The body & security camera supports both IR and/or LED for night vision with IR being the more discreet, perhaps better suited to raid situations whereas the

LED could be more suited to night interviews or night arrests. If the camera LED is enabled rather than IR, this allows the super HD body-cam to record in colour rather than B/W.



Instant Recording Playback

The 5cm (2") colour LCD display allows for the user to alter camera settings and provides for instant video and audio playback of any recorded event. The video recordings can be paused, FF and rewound at 2-64 x speed.

8 Camera Docking Station (Optional)

See our 8 Port touch screen Body Camera Docking Station. This device accommodates our body cameras. The Body Camera Docking Station Hard supports Hard Drive backup up to 8TB and HDD is also optional. We prefer that our customers supply their own HDD but we can supply.

Each port will auto download camera video to the internal docking station drive and at the same time, recharge the camera battery. All password protected, the docking station allows the authorised user to review recording according to the camera ID or the person or officer wearing the camera or the recording date. This offers the administrator advanced and much easier search methods with important recording HDD backup.

This 8 Port Docking station is by order only so please call our office if interested. The supplied Docking station software allows for the device to be connected to the Internet with both username and password protection.

Pictured below is our 8 Body Camera Docking Station with built in colour touch screen LED monitor. Not just a camera charger, the dock supports 2-8TB removable Hard Drive with auto camera backup. Backup camera video to docking station HDD all whilst camera charging and remote access Internet ready.





Specifications

Super HD 2688x 1512 30P selectable video Resolution

Chipset: Ambarella H22

Dimensions: 81.5 x 56.9 x 30.8mm

Weight 164g

Sensor 4Megapixel CMOS

5-40 Megapixel still picture recording

Audio in sync with video

Pre Recording 30 seconds

Video Format supports MP4, H.264 & H.265

Photos 5/20/25/30/40 Megapixel

IR night vision up to 10m with Lazer pointer

LED Night Vision

Camera Angle 140 degrees

Battery Capacity built in Lithium 3100mah

Charge time approx 4 hours

5cm (2") colour LCD monitor

Password and ID protection

64GB Internal memory (optional 128GB)

Long term rechargeable battery capacity

Australian 5V USB Charger and docking station

PC USB interface lead and charging cable

Digital zoom 32X

Motion Detection Recording supported

Pre Recording on/off

Loop Recording on/off

Password Protection Yes

Multi Languages: English, Portuguese, Russian, Japanese, Polish, French, Spanish

Storage Temperature -20C - 60C

Storage Humidity: 15%-90%

Supports a HD External Lens camera (optional)

USB Port Type C

Pictured below is our optional Body Camera shoulder harness and other accessories.



Surveillance



Optional Car Windscreen Body Camera Suction Cup

