

Visiotech VS-X2



- 4G LIVE STREAMING
- ENCRYPTION
- FULL QHD VIDEO
- WIDE ANGLE LENS
- H.265 RECORDING
- GPS LOCATION MAPPING
- LARGE 12 HOUR SHIFT BATTERY



Better Protect Your People & Assets

Visiotech VS-X2 is a state-of-the-art wearable video recording solution with the capability of providing real time audio and video streaming together with GPS location mapping back to a monitoring control centre.

This inherent real time situation awareness provides agencies with improved emergency response times, staff safety and active intelligence. With its video encryption coupled with Quad High-Definition video and incredible low-light capability, lone workers, law enforcement and security agencies can better protect their people and assets.

With Visiotech's Digital Evidence Management Software and convenient drop-in docking station, charging and management of recorded data is made easy, secure and intuitive.



FEATURES



REAL TIME SITUATION AWARENESS

This lightweight body camera packs a punch with its state-of-the-art features. Next generation real time situation awareness provides next level protection for staff and assets. Press record and capture the truth securely and know your integrity is never questioned. The simple intuitive control allows users to capture video, audio and photographs and play them back on the camera.

ENCRYPTION



ADVANCED DUAL ENCRYPTION

Data is stored on the integrated 64GB solid-state memory, securely encased in a durable housing that can withstand extreme conditions. The camera features dual encryption for added security, with video being RSA encrypted and the encryption key protected with AES256 encryption.



QUAD HIGH DEFINITION VIDEO

The Visiotech VS-X2 Body Camera comes equipped with a 2560 x 1440 pixel resolution QHD sensor. This means the body camera records approximately 80 percent more pixels than the standard 1080p. As a result, this bodycam can capture a crystal-clear image of a licence plate, faces, features and more from a significantly farther distance than 1080p.



AUTOMATIC INFRA-RED HIGH OUTPUT NIGHT VISION

The Visiotech VS-X2 Body Camera is equipped with a low-light HD video sensor that records Quad HD colour video and snaps photos at a detailed 32 Megapixels. The 2" LCD Screen lets you view what you are recording in real-time and plays back video and photos instantly. Infrared night vision picks up details in complete darkness and with Visible Face Detection up to 10 metres. The camera's 140-degree wide angle lens records peripheral images to capture important evidence that would otherwise be off camera.



ENHANCED SAFETY AND RESPONSIVENESS

The standout feature of the VS-X2 is its mobile duress capability. In critical situations, workers can press an SOS button, triggering a duress alert that is sent directly to a control centre. This alert includes a live video stream and the camera's GPS location, providing immediate situational awareness and enabling rapid response. This single-button activation allows workers to focus on the unfolding situation, confident that help is on the way.

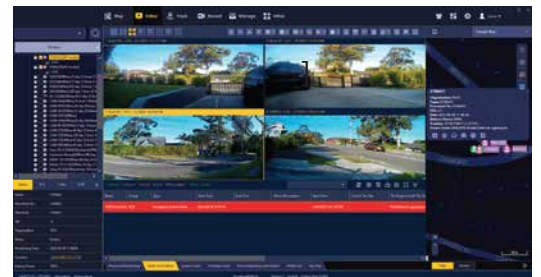
REAL TIME TRACKING AND LIVE VIDEO STREAMING

Visiotech's DEMS Live CMS Software creates real time situation awareness by delivering live tracking of body cameras on the GIS mapping screen.

Live streaming of video and audio can be activated from the command centre or from the body camera's duress alarm feature. Command centre staff are able to effectively coordinate security staff and emergency services by deploying the required help based on staff location and the current operational environment.

Visiotech's DEMS Live CMS Software Features:

- Track and locate body camera locations on GIS map in real time
- Stream live video and audio from body cameras
- Produce detailed tracking reports of body cameras to reveal individual routes, timing in locations and speed
- Monitor and control alarm events from body cameras in real time
- Take snapshot pictures and record incidents as they occur
- Real time data dashboards and statistical reports
- Download and playback incident video from body cameras
- Cloud server Wi-Fi upload option
- ONVIF Interface option for third party systems



DOCKING AND FILE MANAGEMENT

Visiotech's single and multiple dock and charge stations automate body camera data management and ensure the cameras are charged and available for use at the start of every shift.

Users simply dock their body camera at the end of their shift and the docking station automatically connects to the camera and uploads the data stored on the camera. Video and audio files together with photos and GPS meta data are managed by Visiotech's DEMS docking station software. Once data is uploaded to the local DEMS machine, optional file management features then prepare the body camera for the next shift.

Visiotech's DEMS docking station features:

- Dock and walk-away automated management
- User access password protection
- File management and file encryption
- Playback of encrypted video files
- Export of incident footage
- Review and tag incident footage



SPECIFICATIONS

Encryption	Dual encryption, RSA video encryption and AES256 key encryption
Password Protection	Restricted file deletion & file play back
Watermark	User ID, date/time stamp, GPS coordinates embedded into video
Real Time Streaming	Live audio and video streaming back to a control centre
Real Time GPS Tracking	Track users in real time on Visiotech's integrated GIS mapping software
Duress Alert	Initiated from the camera, duress alarm alerts together with real time audio and video can be streamed back to a control centre. The location of the user is dynamically displayed on Visiotech's DEMS Live GIS mapping software
Press to Talk (PTT)	Integrated two-way audio, allows seamless communication among team members
Camera	<p>Capture crystal clear recording of license plates, faces and features together with high quality audio on this Quad High Definition day/night camera</p> <ul style="list-style-type: none"> • Large front button, one touch recording operation • 48 Megapixel snap photos • Wide angle of view, 140 degrees • H.264 / H.265 video compression (H.265 not available with Live Streaming) • G.711 / G.726 audio compression • WDR technology, electronic image stabilisation, electronic shutter • Dewarp processing for wide angle lens
Recording Resolution	<p>Main stream: 2560 x 1440 (1440P), 2304x1296, 1920x1080, 1280x720, VGA Secondary stream: 1280x720, VGA, WVGA Recording content: video and audio</p>
Pre/Post Event Recording	Configurable (not available with Live Streaming)
Storage Capacity	64GB (128GB, 256GB optional)
Night Vision	<p>Auto/Manual IR LED and white light</p> <ul style="list-style-type: none"> • Up to 10 metres with visible face detection, light sensitivity 0.0LUX with IR
Battery	<p>Larger internal battery included with up to 15 hours continuous recording time</p> <ul style="list-style-type: none"> • Charge time: 4 to 6 hours • 4400mAh Li-ion battery
Transmission	4G FDD-LTE/TD-LTE, Wi-Fi 2.4G, Bluetooth 4.0
Data Port	USB C and docking port
Interface Protocol	RTSP, ONVIF from Visiotech ONVIF video server, contact ID to commercial monitoring centre
Ruggedised Case	<p>The rugged ballistic shell made for law and security agencies is weather resistant and can handle the most extreme conditions. Its rugged clip attaches to any pocket, belt, lapel, collar, placket, and most protective armour</p> <ul style="list-style-type: none"> • Light weight 160 grams (including battery) • IP66 weather resistant case (IP67 optional) • Working temperature -20 to +60 degrees celsius • 360 degrees rotatable clip
Dimensions	H83mm x W55mm x D29mm
Drop-in Dock	Single slot or multi slot option
Screen	2.0-inch TFT-LCD high resolution colour display
OS	Linux
Video Playback	Play, Pause, Fast Forward, Slow Play
Standard Accessories	Magnetic USB cable, drop-in dock charger, clip
Optional Accessories	<p>8-Port docking station (VT-DS8PVS-X2) 10-Port docking station (VT-DS10P-USBC) Mounting accessories & holster trigger Windows Cam Manager application X2 Body worn camera earpiece</p>