

FOCUS™ X1

BODY WORN CAMERA



FEATURES AND BENEFITS

NO COMPROMISE DESIGN

FOCUS™ X1 is the first product in the industry to truly deliver on the operational needs of the officer – no distractions.

TRUE FULL SHIFT RECORDING

Full shift battery life at 720p HD with pre-event buffering.

REMOTE ACTIVATION READY

X1 can be configured to remotely trigger based on vehicle sensors such as light bar, siren, doors, etc.

STAY CONNECTED

X1 is equipped with the latest technology to share information between all of your devices. Faster charge through rugged pogo pin connection.

RAPID VIDEO UPLOAD

Automatically upload video in minutes, rather than hours, utilizing the COBAN Smart Cloud, powered by Microsoft Azure® Government; upload speeds under five minutes per hour of HD recording.

INTUITIVE CAMERA ALERTS

X1 can easily be configured to notify the user of camera status via vibration, audible, or LED modes. X1 also has a simple LCD to verify the status of battery life, connectivity, and storage.

ADAPTABLE MOUNTING CHOICES

Flexible mounting and camera options that can easily be securely attached anywhere on a uniform or vest, including an optional clip-on IR camera.

UNPARALLELED NIGHTTIME VIDEO

X1 delivers low light video capture under the most challenging conditions to depict what the eye can see.

IN-CAR DEVICE INTEGRATION

X1 is compatible with COBAN in-car video systems, mobile devices, and laptops for viewing, tagging, and uploading. Both the body camera and in-car video can be uploaded over WiFi together, with body camera video transferred to the in-car system.

X1 SPECIFICATIONS

Video Resolution	1080P/720P/480P
Video Format	MP4 (H.264)
Video Frame Rate	30 fps
Continuous Record Time	Full Shift Recording
Storage Capacity	64GB
FOV	120 Degrees Horizontal
Lux	0.1 Lux
Indicators	LED/Audible/Vibration
Programmable Button	Snapshot/Bookmark/Tag
Communication	Bluetooth/WiFi/GPS
IP Rating	IP66
Dimensions	3.38" x 2.68" x 1.06"
Weight	5.64 oz
Operating Temp	-4°F to 122°F

FOCUS X1 MOUNTS

COBAN offers a wide range of mounting options to make sure your FOCUS X1 is securely fastened, regardless of your uniform type. Additional options are available.



Magnetic Mount



Belt Mount (Multiple Sizes)



Leather Belt Clip



Below Belt Mount
(Multiple Lengths)



Epaulet Mount



MOLLE Vest Mount



Sew-On Mount



'Screw-to-Fit' Mount

FOCUS X1 VEHICLE & PARTNER DOCK

Upload FOCUS X1 body worn camera's video/audio to sync with your COBAN in-car system's digital evidence. Auto-remote trigger the X1 upon actionable events including light bar activation.



FOCUS X1 8-BAY DOCK

Automatically transfer video from the body camera to storage, receive software/firmware updates, and rapidly charge all eight cameras at once when docked. Videos are automatically uploaded via Ethernet directly to your storage solution with no workstation interface required. The individual port LCD displays make it easy to identify, check-out, and check-in devices.



FOCUS X1 CLIP CAM

FOCUS X1 Clip Cam is a light-weight video capture solution with flexible mounting options for the chest, collar, or shoulder.

COBAN offers a unique solution which ensures that your agency will always have the latest technology and continuous technical support. The Technology Service Plan offers up to five years of worry-free support, maintenance, and provides your agency with the most up-to-date body-worn camera equipment.



3-YEAR TECHNOLOGY SERVICE PLAN

- 3-Year Software Right-to-Use License
- 3-Year Software Maintenance and Technical Support
- 3-Year Hardware Warranty and Technical Support
- Replacement Camera at the End of 24 Months
- 5% Spare Cameras

5-YEAR TECHNOLOGY SERVICE PLAN

- 5-Year Software Right-to-Use License
- 5-Year Software Maintenance and Technical Support
- 5-Year Hardware Warranty and Technical Support
- Replacement Camera at the End of 24 Months
- Replacement Camera at the End of 48 Months
- 5% Spare Cameras

COST PLANNING: Eliminate budget uncertainty or unexpected capital expense that comes with upgrades or out-of-warranty replacement cameras. Body cameras purchased on the Technology Service Plan are automatically replaced every 24 months.

5% SPARE CAMERAS: Additional on-site cameras allow for quick and easy officer assignment.

CONVENIENCE: Stay up-to-date with automated software maintenance and technical support.



FEATURES AND BENEFITS

VEHICLE INTELLIGENCE (VI) – VIDEO ANALYTICS

COBAN is re-defining police dash cam video with the FOCUS H1 in-car video system. The FOCUS H1 platform is engineered to support third party artificial intelligence-based (AI) video analytics software applications. Examples include vehicle, ID, weapon, or object detection. This system will be able to process real-time analytics inside the police car to identify vehicles and other objects – assisting officers while they perform their policing duties.

INTEGRATED IN-CAR SYSTEM AND BODY CAMERA

Simplify evidence capture and management by uploading body camera video/audio and metadata into the FOCUS H1 in-car video system.

FAILSAFE TECHNOLOGY

To ensure that your digital evidence is captured and secure, COBAN's in-car video systems have light bar and unique sensor activation for event-based video recording. To assure that a critical video is not missed, COBAN's FailSafe technology continuously records to a separate and secure 128GB internal drive. In the event that the in-car video system was not manually triggered, video on the FailSafe drive can be retrieved.

HIGH-DEFINITION VIDEO FORMAT

Configurable HD cameras with high density video compression for improved evidence capture, transfer, and management – offering higher resolution with less storage requirements.

AUTOMATIC SYSTEM UPDATES

Wirelessly download software updates and system settings to reduce human error and eliminate downtime during updates.

RUGGED DESIGN

So tough, it meets military specification MIL-STD 810G. Built to take on the temperature, shock, and vibration of the harsh mobile environment.

GLOVE-FRIENDLY, TOUCHSCREEN-BASED INTERFACE

Designed for ease of use. Easily tag videos with the correct ID and enter data after a stop with a 4.3" LED touchscreen-based user interface.

INTELLIGENT WIRELESS MICROPHONE DESIGN

The fully customizable wireless microphone allows users to initiate recording and remotely trigger up to two user-defined functions on the FOCUS H1.

SMART POWER MANAGEMENT

With sophisticated power management and uninterrupted power supply (UPS), Smart Power Module regulates vehicle voltage, protecting your vehicle's battery and the system's own power supply. It also prevents video corruption by automatically initiating a proper shutdown procedure if vehicle battery loss occurs.

SYSTEM OVERVIEW

SYSTEM

- Video Resolution: 1080P/720P
- 128GB Solid State Internal Drive
- 64GB or 128GB Solid State Removable Drive
- Built-in 802.11 g/n/ac and Bluetooth
- Connectivity: Gigabit Ethernet, USB
- Five Inputs including Ignition, Light Bar, Brake, & General
- G-Sensor: 3-D Axis Inertial Accelerometer, 3-Axis Gyroscope
- NFC/RFID, GPS
- HDMI Output
- MIL-STD-810G, ISO7637-2, Camera Impact IK9

DISPLAY

- 4.3" LED Backlit Touch Monitor, 16.7M Color Depth

HIGH-DEFINITION CAMERAS

- Up to 6 HD Channels; Supports 3 Cameras Standard
- Horizontal 120 Degrees / Vertical 50 Degrees FOV
- Front Camera with CPL Optical Filter, 0.5 Lux
- Rear Camera w/ Invisible IR LEDs & Auto IR-Cut Filter, 0 Lux

AUDIO

- 900 Mhz Digital Spread Spectrum Body Mic, or
- COBAN FOCUS X1 Body Camera

EDGE HD

IN-CAR VIDEO SYSTEM



EDGE High-Definition does not require officers to select their video quality based on the event type. The "All HD, All the Time" feature takes the guesswork out of video quality selection, offering uncompromised quality with every second of video captured.

FEATURES AND BENEFITS

FAILSAFE TECHNOLOGY

To ensure that your digital evidence is captured and secure, COBAN's in-car video systems have light bar and unique sensor activation for event-based video recording. To assure that a critical video is not missed, COBAN's FailSafe technology continuously records to a separate and secure 64GB internal drive. In the event that the in-car video system was not manually triggered, video on the FailSafe drive can be retrieved.

GLOVE-FRIENDLY, TOUCHSCREEN-BASED INTERFACE

Designed for ease of use. Easily tag videos with the correct ID and enter data after a stop with a 5.7" touchscreen-based user interface.

HIGH-DEFINITION VIDEO FORMAT

Recording video in the most up-to-date industry HD 720p standard means you get better resolution with a wider angle of view.

INTELLIGENT WIRELESS MICROPHONE DESIGN

The fully customizable wireless microphone allows users to initiate recording and remotely trigger up to two user-defined functions.

SMART POWER MANAGEMENT

With sophisticated power management and uninterrupted power supply (UPS), Smart Power Module regulates vehicle voltage, protecting your vehicle's battery and the system's own power supply. It also prevents video corruption by automatically initiating a proper shutdown procedure if vehicle battery loss occurs.

AUTOMATIC SYSTEM UPDATES

Wireless download (or removable drive) for software updates or system settings reduces the chance of human error and eliminates downtime during updates.

RUGGED DESIGN

So tough, it meets military specification MIL-STD 810G. Built to take on the temperature, shock, and vibration of the harsh mobile environment.

INTEGRATED IN-CAR SYSTEM AND BODY CAMERA

Simplify evidence capture and management by uploading body camera video/audio and metadata into the EDGE in-car video system.



SYSTEM OVERVIEW

SYSTEM

- Resolution Captured in 720p
- 64GB Solid State Internal Storage
- 64GB Solid State Removable Storage
- 16GB Solid State OS Storage
- Built-in 802.11 a/g/n/ac
- RS-232 Port X 1
- USB 2.0 X 3
- USB 3.0 X 2
- Digital Inputs: Ignition, Light Bar, Brake, General Digital Input
- Records up to 2 cameras simultaneously
- Crash Sensors (Optional)
- GPS Receiver and Antenna
- MIL-STD-810G

DISPLAY

- 5.7" LED backlit TFT LCD Panel with Touchscreen

HIGH-DEFINITION CAMERA

- 0.2 Lux
- 110 Degree Field of View
- 2.4" (W) x 2.5" (H) x 2.2" (D)

BACKSEAT CAMERA

- IR Camera
- 0 Lux
- 130 Degree Field of View

WMIC AUDIO

- 900 Mhz Digital Spread Spectrum
- Three Separate Simultaneous Audio Channels (Two Transmitters/One Backseat Microphone)
- Two Programmable Buttons
- 25 Hours Talk Time | 5 Days Standby Time | 90 Days Low Power Mode



A Safe Fleet Brand

IN-CAR VIDEO SOLUTIONS

COBAN is redefining in-car video with additional capabilities to improve safety, efficiency and trust. COBAN's newest in-car video system offers applications with advanced artificial intelligence-based video analytics. COBAN has a complete and scalable solution, regardless of the size and needs of your agency.



FOCUS H1



EDGE HD

VIDEO CAPTURE		
HD	✓	✓
Maximum Camera Inputs	6	3
Video Compression	H.264/H.265	H.264
AI-Based Video Analytics	✓	
CONNECTIVITY		
Activation from Digital Inputs	✓	✓
Programmable and Dual Audio Mics	✓	✓
Crash Sensor	✓	optional
GPS	✓	✓
FOCUS X1 Body Camera Integration	✓	✓
Laptop Integration	✓	✓
Bluetooth, NFC, RFID	✓	
VIDEO TRANSFER		
WiFi Upload	802.11ac	802.11ac
Portable Solid State Drives	64GB or 128GB	64GB
	2 secure USB drives	removable drive
Video Streaming	✓	
RELIABILITY & OPERATIONS		
Redundant Drives	✓	✓
FailSafe Storage	✓	✓
MIL-STD 810G	✓	✓
Smart Power Management	✓	✓
UPS	internal	external
Touchscreen	4.3"	5.7"
Hands-free System Updates	✓	✓



A Safe Fleet Brand

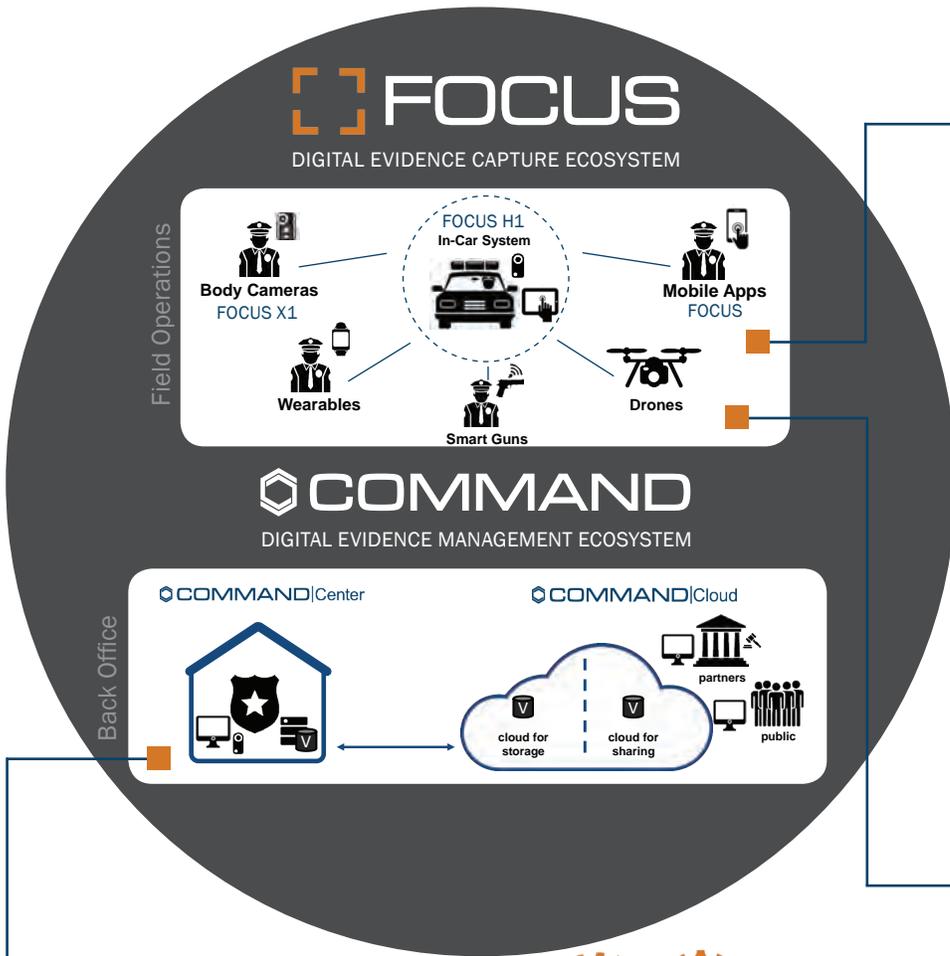
Digital Evidence Ecosystem



OFFICER SAFETY
EFFICIENCY
TRUST

IN A
MISSION CRITICAL
ENVIRONMENT

COBAN Technologies is changing how police departments and public safety agencies capture and manage video and other evidence. We help police departments improve officer safety and efficiency, and maintain public trust, via our ecosystem of FOCUS digital evidence capture and COMMAND digital evidence management products.



PUBLIC TRUST

Public calls for greater transparency by police agencies is driving the need for more and better evidence capture during police events. Body cameras, drones, and enhanced police car video are three examples of products that are being deployed to address the need for greater transparency.



OFFICER SAFETY

With greater public awareness of police events, there has become a greater chance of negative public attitudes emerging, placing officer safety at a greater risk than in the past. Alerting systems, wearable devices, and smartphones are three examples of products that are being evaluated or deployed as tools to enhance officer safety.



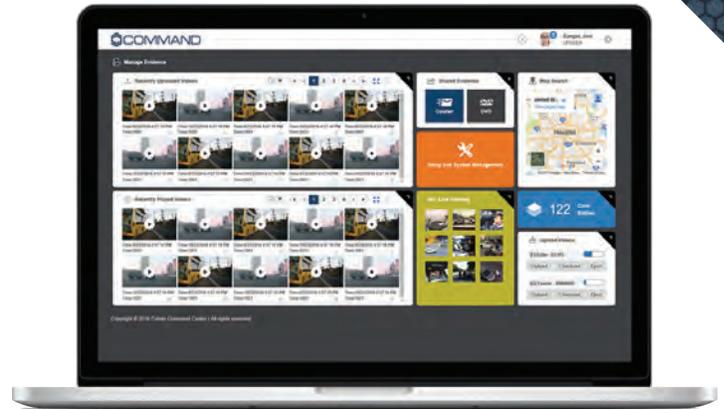
AGENCY AND OFFICER EFFICIENCY

Today's police agencies, and their officers, have many responsibilities they must complete every day. From ensuring that body cameras are recording to making sure they are engaging the public in a positive way, these responsibilities leave little time for dealing with complex, long processes for managing their police technology tools.



COMMAND Center is an integrated video and digital evidence management software platform. Used by public safety agencies and commercial businesses, COMMAND Center makes it easier to capture, transfer, store, manage, connect, and share video and digital evidence internally and externally.

- **Built upon agile software technology**
- **Access video and evidence via internet browser**
- **Incorporates the latest design trends in software user interfaces**



Evidence Management

Case Management

Flexible Media Storage

System Administration

Digital Evidence Sharing

Advanced Applications

FEATURES

- Supports unified evidence management across multiple mobile device types and evidence types: body cameras, in-car video, interview rooms, third party data, etc.
- Case management organization
- Supports enterprise and disaster recovery environments
- Live policing applications, like streaming and Interview Room
- Local premise and Smart Cloud flexible media storage
- Provides system-wide, configurable management dashboards

VALUE

- User-friendly administration of video and digital evidence.
- Dashboard administration of mobile video systems: body cameras, in-car systems, etc.
- Major cost savings on cloud costs
- A transitional software solution to cloud
- Reduce officer wait times for access to video and evidence
- More efficient multi-location video access and management
- Minimize chance of lost videos
- Simplify user operation

COMMAND™ | Redact

AUTOMATED VIDEO REDACTION

FAST • SIMPLE • RELIABLE • SECURE

COMMAND Redact provides your agency a quick, effective, and efficient tool for your video redaction needs. COMMAND Redact supports public privacy, reduces staff workloads with automation, and maintains transparency and public trust.

- **Automated facial redaction**
- **Automated tracked object redaction**
- **Static, manual, and audio tracking for redaction**
- **Intuitive, common editing functionality for ease of use**
- **“Run in Background” for time intensive tasks for uninterrupted workflow**
- **Optional turn-key system with COBAN Render Engine**



Save Staff Time

- Rapid, automated facial and tracked object redaction
- Superior computer vision algorithms speed workflow
- Off-hour, pre-processing, and rendering of multiple videos Run in Background

**Done Fast, Done Right,
Done the First Time**

Reduce Costs

- Responsive user workspace
- Supports COBAN and 3rd party video files
- Included video translation/ preparation tools (with batching)
- Efficiency reduces user licenses required

**Free Up Resources for
Other Policing Support**

Easier Redaction

- Multi-file workspace
- Save/return/revise/ re-render
- Simple, stand-alone application
- Fast installation
- Available turn-key system with superior performance

**Time Saving Solutions
with Better Control**

COMMAND Redact is an application for the video redaction of sensitive information for law enforcement agencies. It is also well suited for use by prosecutors, FOI staff, and any user with similar redaction needs. COMMAND Redact reduces the time and effort required to perform redaction.

COMMAND Redact reduces the time and effort required to perform redaction.

CAPABILITIES

- **Save/Edit/Return:** Save a file in progress, then return, continue editing or even edit previously redaction rendered files.
- **Run In Background:** Multiple facial recognition, object tracking, or export rendering tasks can be Run in Background, even while redacting another video file.
- **Any Object Tracking:** Auto-track identifying features, including tattoos, license plates, street signs, etc.
- **Redaction Options and Intensities:** Pixilation, mosaic, fill, blur, and outline, in box or oval shapes, with thirty-six user selectable colors/shades.
- **Edit Speeds:** Quick selectable speeds of .25x, .50x, 1x, 2x, 4x and frame-by-frame viewing/editing meet the needs of operators for fast review and fine grain redaction.
- **Audio Redaction:** Displays track with zoom-in/zoom-out for sub-second accuracy.
- **Export Range Selection:** Enables the production of only the portion desired, or a redaction of the entire original video.
- **3rd Party Video Support:** Supports most industry standard video formats.
- **COBAN Video Support:** Supports most COBAN in-car-system and body-worn-camera videos natively.
- **Conversion Utility:** Included batch conversion tool for non-standard video.
- **Formats Supported:** MP4, TS, AVI, MKV, MOV; H.264 video with/without AAC audio.

FEATURES

- **Visual Identification:** Ability to number each redacted element.
- **Visual Highlighting:** Box/Oval outline on a subject, which may be desired for in-court presentations.
- **Unlimited Redaction:** Using a local, Microsoft Windows PC, with 1 simultaneous user per license.
- **Software Updates:** Included with annual maintenance and support for 3-5 Years.
- **Fast to Install:** End user installation requires less than 5 minutes including license installation.
- **Fast to Use:** Intuitive operation and features that can be trained in a few hours, rather than days.
- **Use Your Systems:** For agencies with existing systems that meet the software requirements, separately licensed software is available for end user installation.
- **Turn-Key Systems:** Option for best performance turn-key system from COBAN.

VALUE

- **Accessible:** Reduced learning curve.
- **Automation:** Redaction time 50-75% as compared to traditional tools.
- **Reduced Frustration:** Less user “wait time.”
- **More Responsive:** Complete requests faster.
- **Improved Scaling:** Existing staff can handle more requests in less time; address greater number of harder to redact video, such as body camera video.

DYNAMIC CLOUD STORAGE



Is your digital evidence system configurable to your agency's policies, or are you confined to a canned solution?

Don't let your video vendor decide how your agency stores your videos. COBAN's COMMAND|Smart Cloud offers flexibility to allow your agency's needs to drive how the system works, instead of forcing your agency to conform to a rigid license or implementation.

Rapid Offload to the Video Gateway
Reduce Bottleneck to the Cloud



A single software load and simple licensing scheme allows you to configure COMMAND|Smart Cloud to:

- Never lose data by allowing for local backups or geographically diverse cloud storage.
- Tiered storage capability, where short term video can be stored on local server, while long term archival storage is in the cloud.
- Using the same software, configure your system for 100% local storage to 100% cloud storage (and anything in between) without the need for retraining the system or complicated migrations.

Additionally COMMAND|Smart Cloud's features increase efficiency and productivity by allowing:

- Frequently accessed videos to be cached on a Video Gateway, improving performance, reducing cloud costs, and reducing bandwidth requirements.
- Caching upload on a Video Gateway to ensure that shift changes complete quickly enough to use vehicles back-to-back, without bandwidth bottlenecks causing long upload times.

FEATURES

- Hosted on the CJIS-Compliant Microsoft Azure Government Cloud
- Peace of mind with secured data feeds and storage
- Compatible with other COBAN products, including COMMAND|Courier, COMMAND|Case, and COMMAND|DA

VALUE

- **Flexible plans:** Unlimited device-based subscriptions, a la carte storage plans, or bring your own cloud (BYOC)
- **Own your data:** No strings attached to your video media or metadata
- **Flexible configurations and smart optimizations:** Leverage existing realistic internet connections for cloud storage, without having to invest thousands, or millions, into upgrading to expensive enterprise infrastructure and bandwidth

SIMPLE DIGITAL EVIDENCE SHARING THROUGH THE CLOUD

DVD Challenges

- Physical cost: Storage space
- Hidden costs: Time to burn and prepare DVDs
- Management: Archival and distribution
- Not efficient



COMMAND Courier

COMMAND Courier is a method to share/ disseminate videos via a private email link from an agency to an end user. (ie. Prosecutor, DA)



COMMAND Courier

Share videos with anyone with an email address and web browser. No license or special player requirements.



Is it secure?

Videos shared via Courier are securely stored in Microsoft's CJIS Compliant Private Cloud. Track and audit requests and views, even after distributing Courier links.



Advantages

Rely on Courier to distribute media faster and cheaper. Bypass disk management, delivery/postage, and tracking with an instantaneous Courier to any email address.



How does it work?

- Step 1: Originator simply exports video from COMMAND|Center
- Step 2: Designee receives secure email link
- Step 3: View video from any browser or mobile device



Easily playback and tag videos from your FOCUS X1 Body Worn Camera on your mobile device with the FOCUS Mobile App.

FEATURES AND SPECIFICATIONS

SECURE VIDEO ACCESS

The FOCUS Mobile App is paired with your FOCUS X1 Body Worn Camera and only accessible with the officer's login. Videos remain securely stored on FOCUS X1 and not on your mobile device.

LIVE VIEW

View the live camera feed from the FOCUS X1 displayed on your mobile device with the FOCUS Mobile App.

ACTIVATE RECORDING

Activate live recording on the FOCUS X1 Body Camera from your FOCUS Mobile App.

INSTANT PLAYBACK

Playback videos on the FOCUS Mobile App that are stored on FOCUS X1 body camera.

METADATA

Categorize recordings by event type in the field. Enter and edit metadata of recordings. Enter the ticket number, case number, gender, race, and driver's license per your agency's policy.

COMPATIBILITY

FOCUS Mobile App is available for both iOS and Android devices. Requires iOS 8.0 or later. Compatible with iPhone, iPad, and iPod touch devices. Compatible with Android devices 4.0.3 and up.



DOWNLOAD ON THE APP STORE



ANDROID APP ON GOOGLE PLAY



INTERVIEW ROOM

ALL HD, ALL THE TIME!



A Safe Fleet Brand



- ▶ **True Networked Interview Room**
- ▶ **View/Control Multiple Live Interviews**
- ▶ **State-of-the-Art IP Cameras Offer HD Video**
- ▶ **Integrates with COBAN In-Car Video, Body Cameras & Video Management Software**

KEY FEATURES

COBAN's Interview Room solution offers ultimate flexibility with a turnkey system that is dependable and intuitive:

HD CAPABILITY

IP camera technology allows you to record high quality HD video in the interview room.

RELIABLE STORAGE

Interviews are transferred to the server for long term storage, while a local copy is stored on the camera to ensure reliability.

SCALABLE SOLUTIONS

Easy to install, IP camera technology allows you to expand the system as your agency grows.

ACCESSIBLE

View and control interviews from any workstation on your secure network.

EASY TO SETUP

SIMPLE, EFFICIENT CABLING

Say goodbye to complex and expensive wiring – IP camera technology uses fewer cables for power, video, audio, and more.

WALL-MOUNTED CONTROLS

Discretely start/stop recording from a wall-mounted RFID system.

QUICK BOOKMARKS

Use hot keys to bookmark common behaviors (looking away, too much detail) from the control view during the interview. Bookmarks allow you to go directly to these moments in the video when viewing later.

SET RETENTION TIMES

Create custom event types with assigned retention times to let the system know how long certain videos should be retained, where they are stored, and how they are exported. After each interview, the user is prompted to tag the video. They can either immediately burn to DVD or let the system automatically manage it.

EASY TO MANAGE

COMPLETE CHAIN OF EVIDENCE

Link interview room videos with in-car videos by case ID for easy search and export. Manage all your video evidence from one platform using COBAN's COMMAND Center or DVMS software solutions.

DEFINE USER PRIVILEGES

The department defines who may view and control interviews based on the individual, role, or user group. Users with remote viewing and control privileges can watch interviews live from any work station, configure viewing panes to watch multiple interviews simultaneously, and request/deny viewing permission for an interview in progress.

SYSTEM ACTIVITY LOG

Review every transaction on your system through the system log. Each accessing IP address, view, and action is logged so you know who is using your system and where.

REDUNDANT AND SECURE

If your network drive fails, files are saved to the camera's internal storage to protect your critical interview footage.

SEAMLESS VIDEO STORAGE

Video, audio, and metadata are directly stored on the COMMAND Center or DVMS server – no import/export procedures are required and all your videos are in one place.