

FOCUS H2

Intelligent In-Car Video System

Get the in-car system that operates on the most flexible, secure platform designed to meet the rigorous and specific needs of law enforcement.

The FOCUS H2 features integrated on-board security and encryption to protect sensitive media.

In addition, the FOCUS H2 natively supports Automatic License Plate Recognition (ALPR), failsafe (black box) recording, Wi-Fi and cellular upload. High-efficiency encoding results in smaller file sizes, and standard power management protects both the vehicle and the system.



Vehicle Intelligence (VI) – Video Analytics

The FOCUS H2 platform is engineered to support third-party Vehicle Intelligence-based (VI) video analytics software applications. Examples include Vehicle ID, or object detection. The system processes real-time analytics inside the police car to identify vehicles and other objects – actively and automatically assisting officers as they perform their standard duties

Integrated In-Car System. Body Camera and Automatic License Plate Recognition (ALPR)

Simplify evidence capture and management by uploading body camera video/audio and metadata into the FOCUS H2 system. Integrate with the optional Safe Fleet® FOCUS™ H2 with ALPR that operates on the FOCUS H2 platform, and minimizes distraction by running in the background until a hotlist match is made.

FailSafe Technology

Ensure your digital evidence is captured and secure. The FOCUS H2 system supports automatic recording activation based off common triggers (Ignition, Door, Light Bar, Brake, & General 12v) for event-based video recording. FailSafe technology continuously records to a separate and secure 128GB internal drive, so critical video is not missed. In the event the in-car video system is not manually triggered, video on the FailSafe drive can be retrieved.

High-Definition Video, Smaller File Size

Get higher resolution footage and less storage requirements. Configurable HD cameras provide high efficiency video compression for improved evidence capture, transfer, and management.

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. Purpose-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, interface. An optional Focus View application is available to provide operations to the Focus ICT for Windows laptops and Samsung DeX.

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 H2.

Smart Power Management

With advanced power management and an uninterrupted power supply (UPS), the on-board Smart Power Module regulates vehicle voltage, protecting your vehicle's battery and the FOCUS H2 from electrical damage.

1.281.925.0488
safefleet.net

SAFE FLEET
Driving Safety Forward™

FOCUS H2

Intelligent In-Car Video System



Forward-camera with CPL (Circular Polarizer/Linear) filter



Rear-camera with IR (InfraRed)

System	
Processor	Nvidia Jetson TX2
Video Resolution and Streams	1080p/720p/480p, 3 streams simultaneously
Storage Capacity	USB Capacity: 64G standard, extended capacity available
Communication/Connectivity	802.11 a/b/g/n/ac + Bluetooth 2x2 MIMO Antennas External GPS
Inputs	Ignition, Door, Light Bar, Brake, & General 12v
G-Sensor	3-D Axis Inertial Accelerometer, 3-Axis Gyroscope
Military Standard	MIL-STD-810G
Other	ISO7637-2,
HD Cameras and Audio	
Camera Support	Up to 3 Standard Cameras
FOV (Field of View)	2.8mm (HFOV: 120, VFOV: 64) 6mm (HFOV: 56, VFOV: 30) Third camera input for ALPR
Front Camera	With CPL Optical Filter, 0.5 Lux
Rear Camera	With IR LEDs & Auto IR-Cut Filter, 0 Lux
Audio	Audio signal data sample rate 44.1kHz / 16bits

Monitors	
	4.3" LCD, 280 x 272 pixels, with "glove-friendly," touch screen
Microphone/Audio	
	Microphone-equipped cameras Audio blending specified in configuration file
Environmental	
High Temperature	MIL-STD-810G, Method 501.5, Procedure II 158°F (60°C)
Low Temperature	MIL-STD-810G, Method 502.5, Procedure II -4°F (-20°C)
Compliance and Standards	
Specs and Standards	Prop65, FCC, MIL-STD-810G FCC regulation 47 CFR Part 15 Subpart B (H2 unit). FCC regulation 47 CFR Part 15 Subpart B, C, D, E (WiFi).
Vibration Tests	MIL-STD-810G, Method 514.6, Procedure I Cat 4, Fig 514.6C-3 MIL-STD-810G, Method 514.6, Procedure I Cat 24, Fig 514.6E-1 Mechanical Shock Test MIL-STD-810G, Method 514.6, Procedure I

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