

FOCUS[®] H3[™]

Intelligent In-Car Video System

The Focus H3 is a complete, scalable in-car evidence capture solution built for law enforcement. It features integrated ALPR, secure cloud upload, and failsafe recording. With encryption and smart power use, it protects media while minimizing impact. Designed for ease of use and future integration, it offers predictable costs and seamless operation.



Real-Time Cloud Integration

Designed to work with a wireless networking device, the H3 offers real-time LTE connectivity for secure uploads, smart alerts, and instant access to critical footage – powered by Safe Fleet Smart Cloud on Microsoft Azure[®] Government.

Vehicle Intelligence (VI) – Video Analytics

Supports video analytics like vehicle ID and object detection – processing data in real time to boost officer awareness and assist with routine tasks.

FailSafe Technology

Ensure critical video is always captured, record to a secure 256GB internal drive even if the system isn't manually triggered.

High-Definition Video, Smaller File Size

Configurable HD cameras provide high efficiency video compression for improved evidence capture, transfer, and management.

Automatic System Updates

Seamlessly download software updates and system configurations wirelessly to minimize human error and prevent downtime during the update process.

Rugged Design

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

Engineered for intuitive operation, the 4.3" LED touchscreen interface makes it easy to tag videos with the correct ID and input data after each stop. For enhanced functionality, an optional Focus View application extends operations to Windows laptops and tablets, and Android devices including 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 H3.

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 H3 from electrical damage.

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System	
Processor	Novatek NT98336
Video Resolution and Streams	1080p/720p/480p, 3 streams simultaneously
Storage Capacity	USB Capacity: 128G standard, extended capacity available
Communication/Connectivity	802.11 a/b/g/n/ac/ax + Bluetooth 2x2 MIMO Antennas Internal GPS, external Antenna
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 cameras (IP and/or GMSL)
FOV (Field of View)	2.8mm (HFOV: 120, VFOV: 64) 6mm (HFOV: 56, VFOV: 30) IP camera (HFOV: 60/130)
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 (H3 unit). FCC regulation 47 CFR Part 15 Subpart B, C, D, E (Wi-Fi)
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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