



Choose which CopTrax In-Car Video system best works for you.

Minimal Hardware:

Small front-facing camera



Rear camera(s)



GPS



External Microphones (2)

- 900 MHz
- 2.4 GHz

CopTrax

CopTrax has the smallest in-car video footprint, uses the patrol vehicle laptop for processing and automatic video upload, and has the lowest cost of ownership. It remains the most advanced in-car video system on the market today.



CopTrax II

The new CopTrax II has a powerful on-board computer for video processing and upload, redundant background recording, built-in battery backup, and on-board impact sensor. The most advanced in-car video system on the market today is now even better.



	CopTrax	CopTrax II
Video Resolution	640 x 480 standard definition	1280 x 720 in high definition or 640 x 480 in standard definition
Camera Inputs	2	3 (2 standard + 1 optional)
Wireless microphones	1	2 (1 standard + 1 optional)
Impact Sensor	No	Yes
Backup Battery	No	Yes
Locking Connectors	No	Yes
Background Record / redundant record	No	Yes
Pre-event	30 seconds	Configurable up to 2 minutes
Shutdown Timer	2 hours	Configurable up to 4 hours
Record Method	Records to laptop hard drive	Records to DVR
Front camera FOV	78°	90°
Stalker BWC Support	Yes	Yes
IP camera support*	No	Yes
External monitor support*	No	Yes
Connection to PC	USB	Ethernet
Minimum Laptop Requirement	Windows 7 - 64 Bit 4GB RAM i-5 Series processor	Windows 7 - 32 Bit 4GB RAM i-3 Series processor (if used with laptop)

* future

The world's most advanced in-car video system is now even better.

CopTrax.net

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**Record events where they happen.
View events as they happen.**



Watch streaming video in real time from any Internet-connected computer.

Watch a traffic stop, warrant service, or any other event in real time using CopTrax Live Look-In through the CopTrax Command & Control Center. At the same time, see the big picture with real-time GPS map positioning of all CopTrax-enabled assets using the Automatic Vehicle Location feature.



Taken together, Live Look-In and Automatic Vehicle Location provide command staff the big picture view needed to make informed decisions based on real-time video and audio as an event unfolds.

Control the CopTrax II in-car video system with your smart device.

Another CopTrax innovation.

Remote Multi-Device Control.

With the new CopTrax II system, you can use your Android, iPhone, or iPad to control your CopTrax in-car system. The same two toolbars and video preview that you see on your laptop are presented on your smart device. You can start or stop recording, switch cameras, take a photo, find a location, review video – anything you can do on your in-car laptop can now be done remotely from your smart device.



More power. More versatility.

Uses Existing Patrol Vehicle Laptop.

No bulky hardware means lower Cost of Ownership.

With the basic CopTrax system, the patrol vehicle laptop processes the captured video and uses the display for the user interface. Now, with the new CopTrax II, its internal computer manages the processing. The CopTrax II system can even be controlled remotely by your Android, iPhone, or iPad device. The system footprint is a small front-facing camera, a rear window and a rear-seat infrared cameras, and a small interface module. Separate wireless microphones capture speech and audio during the incident and synchronizes it with the video signal.

Being a software solution, CopTrax is priced less than other video systems. New updates don't require new hardware and new laptops don't require new software. Plus, secure Cloud storage eliminates the backoffice expense of file storage, archiving, and labor.

In the long run, CopTrax costs less to own.



Video Uploads Automatically.

Video uploads to Cloud or Server without human interaction.

Video evidence is automatically uploaded through either 3G/4G cellular connection or wireless Wi-Fi, based on the fastest transfer available.

When a recording is stopped, the upload process begins immediately without officer interaction.

Video segments are automatically indexed according to date, time, and event identification, and by officer identification, GPS data, vehicle identification, case number, and type of incident.

Simple, Intuitive, Officer Interface.

Administration and User settings are clear and intuitively placed.

A simple user interface composed of a video preview and two toolbars is presented to the officer on the patrol vehicle laptop. Large buttons such as "start/stop" and "input data" are intuitive and clear.

When the CopTrax system is connected to the vehicle's radar, speeds are clearly shown on the radar display window right on the laptop.

More ways to protect.

Video Files are Safe and Secure with Commonality of Architecture.

Wireless, automatic upload maintains chain of custody by assuring the video evidence is untouched by human hands. Files can be uploaded to the Criminal Justice Information Services (CJIS) compliant Microsoft Government Azure Cloud storage for 24/7 security, backup redundancy, and high-speed access.

Microsoft Azure Government

Powerful video file management through the CopTrax Command & Control Center Dashboard enhances security, yet allows easy access and searchable archiving.

Powerful On-Board Computer.

CopTrax II moves video processing tasks from the patrol vehicle's laptop to its own integrated computer. Doing this has the dual benefit of relieving the patrol vehicle laptop of some of its processing load, while shifting the processor-intensive video tasks into a standardized environment. Both systems are controlled through the vehicle laptop's touch screen.

24-Hour Background Recording.

No Lost Video Evidence

Redundant background recording ensures that no video evidence is lost by activating automatically when the vehicle's ignition is turned on. Running in the background, it captures up to 120 hours of video on a separate internal drive. When the main CopTrax video system records an event, both the event video and the background video are saved.

On-Board Backup Battery.

A built-in battery backup maintains operation even if the vehicle's battery is fully discharged. This allows an orderly system shutdown during the outage.

On-Board Impact Sensor.

User configurable accelerometer with crash/pursuit settings.

1280 x 720 HD Video.

The CopTrax II System now records in HD-quality video for sharp, clear video evidence in all types of lighting environments while recording speech and sounds with exceptional clarity. State-of-the-art H.264 video compression keeps video file sizes small.

Preset Triggers Launch Video.

Officers focus on the task at hand without worrying about recording.

The system fully integrates into the patrol vehicle and can be activated by up to 8 trigger events without officer interaction. Triggers include lightbar activation, siren, speed, and many more software setup presets. This way, officers do what they do best.

Automatic Patrol-Area Monitoring.

Use technology to respond to public inquiries and transparency.

A perimeter around any area can be drawn using the Command & Control Center Dashboard's simple tools. When entered or exited by a CopTrax-enabled vehicle or device, text messages or e-mails are sent to designated individuals.