ICOP ®

ADVANCING SURVEILLANCE TECHNOLOGY

MOBILE VIDEO SOLUTIONS

OFFICER SAFETY ♦ QUALITY ♦ RELIABILITY

ICOP MOBILE DVRS

ICOP MODEL 20/20®-W & ICOP 20/20 VISION™

ICOP DVRs REPRESENT THE HIGHEST QUALITY AND MOST RELIABLE VIDEO RECORDING SYSTEMS IN THE INDUSTRY, HELPING ENSURE OFFICER SAFETY WHILE PROTECTING THE COMMUNITIES THEY SERVE.

- Compact, advanced low light 120x zoom camera - .25 lux (color); .0004 lux (b/w)
- ICOP EXTREME™ Wireless microphone with a range of over 2,000 feet
- Supports high-speed 802.11n wireless uploads, Ethernet uploads and removable media uploads to integrate into your department's SOPs
- ICOP LIVE™ streams high-quality live video to multiple authorized viewers simultaneously for real-time situational awareness
- Fast system startup time (under 15 seconds)
- High quality, unimpeachable video stands up in court

- Multiple mounting options, including unique officer-safe dash-mount
- Operates up to 3 cameras (records 2 simultaneously)
- Superior operating temperature range (-22°F to 176°F)
- Integrates with General Dynamics ITRONIX Mil-Spec Laptop MDTs and other vehicle-mounted PCs
- Powerful ICOP video management software options
- ICOP systems include all components required for essential operation (GPS, front facing camera, prisoner camera, internal mic, wireless mic, video storage)

SYSTEM FEATURES

Recording Media	Vehicle Grade Hard Drive or Solid State Drive Module (up to 128 GB)
Configurability	Multiple passwords and user configurations
	Ability to tag events with customizable codes
	Easy to use interface, data entry and user and supervisor menus
	Industry-leading Garmin GPS
	AM/FM Radio (18 Radio Presets); XM or HD radio options
	Officer-safe design
Resolution	(720 x 480) D1, (640x480) VGA or (352x240) CIF
	Operates up to 3 cameras and up to 3 audio sources (records 2 cameras simultaneously)
Record Triggers	Multiple event triggers, including emergency lights or siren activation, manual record switch, activating the audio transmitter(s), vehicle speed and up to 3 auxiliary inputs
	Integrates with most radar systems
Interior Camera	Infrared camera included with system

AUDIO RECORDING

Distance	Over 2,000 feet (line of sight)
Design	Compact, rugged, includes a rechargeable battery, internal microphone, connector for external mic, on/off/standby switch, transmit/standby switch and status LEDs
Controls	Initiate recording, mute, LED indicators, distress "HELP" button
Sync	Auto-Sync and Auto-Standby
Antennas	Internal (on wireless mic), external (on base/charger)
Battery Life	8.5 hrs operation, 135 hrs standby
Battery	NiMH 3.7V 550maH

Frequency Range	900 MHz FHSS (902-928 MHz)
Channels	Over 24,000
AC Charging Bay	Smart Charger base with overcharge protection, charge and sync up to 2 mics
Recording	Record 3 audio sources

CAMERA

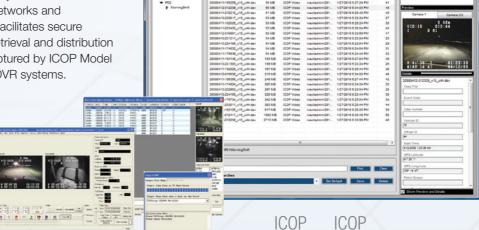|	
Zoom Range	10x Optical, 120x (with Digital)
Low Light Capabilities	.25 lux (color); .0004 lux (b/w); resists night blooming, smearing from light sources, burn in, geometric distortion, magnetic fields and damage from vibration and shock
Auto Switching	Auto switching day/night Mode
Wide-angle Lens	5.4-52 degrees
Auto Adjustments	Focus, white balance, backlight compensation
Dimensions, Weight	2.1" x 2.0" x 3.425", 15 oz
Lens Attachments	Standard 37mm lens filters, 2x zoom, wide angle
Driver's License Zoom	Allows an officer to quickly zoom in to a driver's license or other physical evidence held in front of the camera at the touch of a button, capture a high quality image and zoom back out automatically.
Control	DVR control panel and secondary control buttons on the back of the camera for zoom in, zoom out, driver's license, auto-zoom, auto/manual focus, covert mode
Officer Safety	Mounts adjacent to the rearview mirror, above AS-1 line. Does not interfere with the vehicle passive restraint system (air bags)
Indicators	Visual indication of the video system's record/microphone status - LED built into the front of the camera's housing indicates status of recording and audio reception from the wireless transmitter

VIDEO MANAGEMENT
ADVANCED SOFTWARE SOLUTIONS

ICOP IVAULT MMS™

ICOP iVAULT Media Management System (MMS) is a highly advanced software evidence management system for law enforcement. Designed for sophisticated networks and departmental infrastructures, the software facilitates secure storage, managing, indexing, organizing, retrieval and distribution of digital data, including video evidence captured by ICOP Model 20/20-W and ICOP 20/20 VISION mobile DVR systems.

ICOP DVMS™

ICOP DVMS provides basic, easy-to-use video management functionality, including easy search and retrieval and archival functions.

FEATURE	ICOP IVAULT	ICOP DVMS
Load video from ICOP DVR solid state or hard drive, supports wireless uploads	✓	✓
Securely play, manage and store proprietary (unalterable) ICOP video files	✓	✓
Copy critical portion of video	✓	✓
Selectively display one, or two, audio or video track(s) during playback, with metadata	✓	✓
Easily search ICOP files by metadata	✓	✓
Configurable retention period where all video is maintained online and available for potential evidence review.	✓	✓
Enlarge video for full-resolution viewing	✓	✓
Display files according to a specific date range	✓	✓
Archive (burn) Blu-Ray, 8.5GB DVD-DL disks and to thumb drives (in addition to standard 4.7 GB DVD). DVMS burns only to CD/DVD.	✓	CD/DVD ONLY
Securely manage users and permissions with Microsoft® Active Directory	✓	—
Support multiple file formats (for management of related files)	✓	—
Provide user authentication through username and password validation, utilizes Windows log-in credentials as means of user authentication and associated access rights	✓	—
Facilitate efficient creation of "court packages" on disc or thumb drive including all stored case evidence; automatically span large files	✓	—
Store all electronic media associated with a case file, e.g., reports and pictures in addition to video files	✓	—

WIRELESS

VIDEO STREAMING

REAL-TIME SITUATIONAL AWARENESS

First Responders

ICOP Platform
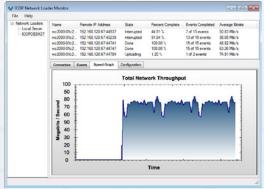
Laptops, PDAs, Smart Phones, Vehicles

- Stream live video and audio to multiple viewers simultaneously
- View ICOP LIVE from any Internet-enabled Windows device (no need to download additional software)
- Video streams can be shared locally, across agencies, nationwide and even worldwide, as authorized
- Real-time situational awareness gives remote command staff proactive decision-making capability to optimize the outcome in crisis situations
- ICOP holds the patent for streaming live mobile video to first responders

HIGH-SPEED UPLOADS

FAST, SECURE 802.11N WIRELESS

- Wireless throughput up to 70 Mbps*
- Most secure WPA2-AES encryption
- Automatically resumes an upload where it left off
- Integrates easily in various network topologies
- Detailed diagnostic details and real-time throughput graphs

*NOTE: when comparing wireless data upload rates, various factors can affect actual throughput, including network traffic, wireless interference and additional vehicles.

In addition to high performance wireless, ICOP DVRs also support uploads via removable media (HD or SS Drive Modules) or Ethernet.

ICOP®
ADVANCING SURVEILLANCE TECHNOLOGY