

ICOP® PRO HD IN-CAR VIDEO SOLUTION



The ICOP PRO HD in-car video system offers crystal clear accuracy for quality that matters. It comes equipped with a touch screen monitor, HD windshield zoom camera and HD backseat camera for a complete law enforcement vehicle solution. The ICOP PRO HD features total integration and synchronization with Safety Vision's Prima Elite body worn camera. The portability and vantage points of a body camera, in conjunction with the unique information an in-car video system collects, helps capture the whole truth. The ICOP PRO HD recorder includes the ability to utilize 4 HD cameras with an additional 2 body cameras, providing great video evidence from multiple points of view.

The Touch Screen Monitor provides quick and easy operation, immediate playback to view recorded files in the field, and case management tools to enter case notes immediately after recordings. A built-in event marker allows users to flag critical video to ease search and relocation. With multiple camera views, users can cycle through to view front and rear cameras plus 2 body camera channels.

OS SYSTEM

Embedded Real-Time Linux

FORM FACTOR

1 DIN

CAMERA CHANNELS

4 channels (HD or Std Res) + 1 IP

AUDIO / VIDEO COMPRESSION

H.264 / ADPCM

QUALITY SETTINGS

Adjustable 8 levels

RECORDING RESOLUTION

NTSC: 4 channels 720p at 30fps AHD OR
4 channel 1080p at 15fps AHD

PAL: 4 channels 720p at 25fps AHD OR
4 channel 1080p at 12fps AHD + 1 IP
camera up to 1080p at 30fps

RECORDING MODES

Alarm only (Sensor (light bar, weapon rack, etc.)
trigger, speed, acceleration, video loss, temperature),
background / alarm continuous

PRE-EVENT RECORDING

Configurable up to 60 minutes

POST-EVENT RECORDING

Configurable up to 30 minutes

STORAGE

1 × 128 GB SD card (256 GB max) OR 1 × 1 TB SSD

Mirror Recording: SD card canister holds 2 SD
cards. Second SD card may be used for mirror recording or
combined storage of 512 GB. (optional)

ETHERNET

1 × RJ45

WI-FI (ANTENNA REQUIRED)

Embedded module (802.11b/g/n)

GPS (BUILT-IN)

Antenna required
(date / time, vehicle speed, mapping data)

ACCELEROMETER

3-Axis (built-in)

MONITOR

4.3" touchscreen display, with speaker and
playback controls

INTERFACES

Front: 1 × USB 2.0

Back: 1 × RS232, 1 × RS485, 1 × GPS

SENSORS

8 in, (2 taken for wireless mics / body cameras)
programmable function for DVR
activation, peripheral interface, and
external power relay control

FALA (SUPER) CAPACITANCE

To ensure that the minimum system and
storage time of the product < 8s, so that
the data can be successfully rescued. Initial
charging time of the capacitor should not
be < 30s.

POWER INPUT

8 ~ 36V DC

OPERATING TEMPERATURE

-40° F ~ 158° F (-40° C ~ 70° C)

DIMENSIONS (W × H × D)

7.40 × 2.36 × 7.18 in (187.96 × 59.94 × 182.37 mm)

CERTIFICATIONS

CE, FCC, ISO7637, MIL-STD-810F, ROHS

PART NUMBER

ICPPROHVR

ICOP® PRO HD COMPONENTS



HD WINDSHIELD CAMERA

The HD windshield camera records a complete forward facing view at 1080p resolution, with multiple zoom options so that every traffic stop is documented. A forward facing status indicator signals to officers outside of vehicle if system is recording. Covert mode for discrete recording provides great undercover operation.



HD BACKSEAT CAMERA

The system's HD backseat camera mounted on top of the security partition, captures all activity in the back of the vehicle when suspects are being transported in 720p resolution. Any destructive forces from suspects detained in the back seat will be recorded in great detail, in both day and night time operations.



WIRELESS MIC

The small and lightweight wireless mic transmitter allows remote DVR operation and voice recording when the officer is away from the vehicle. With over 15 hours of operation on a single charge, the battery can last an entire shift. Audible and vibrations signals provide alerts and LEDs confirm the DVR's status.

PART NUMBER ICPZOOMAHD

IMAGE SENSOR	1/3" CMOS Sensor
ANGLE OF VIEW (D, H, V)	Wide: 68°, 54°, 31° Tele: 6.7°, 4.9°, 4.0°
FOCAL LENGTH	Wide: 5.1 mm Tele: 51 mm
MINIMUM ILLUMINATION	Color: 0.5 lux B&W: 0.1 lux
SIGNAL-TO-NOISE RATIO	<50dB
ZOOM	10x optical; 32x digital
RESOLUTION	1080p/30 fps, 720p/30 fps
CONTROLS	Zoom, auto-zoom, driver's license, wide dynamic range (WDR), and covert mode
AUTO ADJUSTMENTS	Focus, white balance, and backlight compensation.
POWER REQUIREMENT	9 ~ 15V DC
OPERATING TEMPERATURE	-13° F ~ 185° F (-25° C ~ 85° C)
DIMENSIONS (L x W x H)	2.0 x 2.1 x 3.5 in (50.8 x 53.34 x 88.9 mm)
WEIGHT	.25 lb

PART NUMBER SV-CFRC-HD

IMAGE SENSOR	1/3" CMOS AR0130
FOCAL LENGTH	3.6 mm
RESOLUTION	1280 (H) x 960 (V)
MINIMUM ILLUMINATION	0 Lux (with IRs)
SCANNING SYSTEM	Progressive scan RGB CMOS
SYNCHRONIZATION	Internal
SIGNAL-TO-NOISE RATIO	More than 44dB (AGC Off)
INFRARED ILLUMINATORS	12
VIDEO OUTPUT	1 Vp-p, 75Ω, AHD
AUDIO	Yes, integrated microphone
OPERATING TEMPERATURE	-22° F ~ 158° F (-30° C ~ 70° C)
POWER SUPPLY	9-18V DC
POWER CONSUMPTION	150mA
DIMENSIONS (L x W x H)	3.43 x 1.9 x 2.65 in (87 x 48.5 x 67.2 mm)
WEIGHT	.29 lb (130g)

PART NUMBER: ICPMICKIT

DISTANCE	1,500 feet (line of sight)
CONTROLS	Initiate recording, mute, LED indicators, beep on/off, power on/off
SYNC	Auto-Sync and Auto-Standby
ANTENNAS	Internal (on wireless mic), external (on base/charger)
BATTERY LIFE	Over 15 hrs operation (Up to 30 hrs); Up to 5 days stand by
BATTERY	Li-Polymer 3.7V/1800mAh
FREQUENCY RANGE	900 MHz FHSS (902-928 MHz)
CHANNELS	Over 50
AC CHARGING BAY	Base charges and syncs functions for 1 mic
RECORDING	Records 1 audio source
DESIGN	Rechargeable battery, connector for external mic, on/off/standby switch, transmit/standby switch, status LEDs
PART NUMBER: ICPMICKIT (CHARGER)	
POWER REQUIREMENT	9V, 500mA