

# 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

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

### PART NUMBER SV-CFRC-HD

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

### PART NUMBER: ICPMICKIT

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

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