

i-PRO ICV4000 In-Vehicle Video



ICV4000 360° FHD

The reliable and rugged i-PRO Americas Inc. ICV4000 360° FHD in-car digital video recording system offers industry-leading image quality for unmatched critical mobile video evidence capture. The WV-VCF41P front camera with a 4K sensor and Panoramic 150° field of view delivers amazing clarity and color reproduction even in low light. The ICV4000 system supports up to four additional HD cameras, for complete 360 degree situational awareness.

- Full HD 1080p high-quality video evidence capture
- Unparalleled 360 degree recording and viewing
- **New** - Back Seat/Side/Rear camera offers up to 180° FOV with advanced AI Human Detection for officer safety
- Supports up to two 512GB solid state drives with 256AES
- Full integration with the BWC4000 Body Worn Camera, with field swappable battery
- Optional WV-VC35 front camera offers full color in extreme low-light conditions, with an industry-leading, high resolution, 86 degree wide-angle FOV
- Available wireless microphone transmits quality audio up to one mile
- Compatible with Unified Digital Evidence (UDE) On-Premise and cloud-based Genetec Clearance DEMS

KEY FEATURES

Hi-Speed Dedicated Video Processor

MP4 Video File Format

Back Seat/Side/Rear with AI human detection for officer safety in the vehicle

Built-in GPS, Dual 802.11 ac Wi-Fi Support, and Bluetooth 4.2LE

Dual SSD Capability Up to 1TB with 256 AES Encryption

Tested to MIL-STD-810H Standards

1080p / 720p / 360p Configurable Resolution

Compatible with Arbitrator VCF41P, VC35, VCR40W, VC31, VC32 Cameras

Record up to five High-resolution Cameras at the Same Time

GENERAL

Model Number	WJ-VPU4000
VIDEO RECORDER SPECIFICATIONS	
Dimensions (W x H x D)	7.0" (W) x 3.44" (H) x 6.1" (D)
Weight	4.0 lbs
Durability	Rugged Design to Withstand Extreme Heat and Vibration MIL-STD-810H, UL62368
Operating Temperature	-10°C to +50°C {14°F to +122°F}
Operating Humidity	10% to 80% (Non-Condensing)
Video Storage	256GB /512GB SSD i-PRO Only, 2 Bays Removable / Lockable, Up to 1TB
Media Encryption	256 AES
Video File Format	MP4
Video Compression	H.264
Audio	3 Input Channels RCA Connectors, Using AAC
Power Input	12VDC Operating Range 10.0-16.0VDC
Power Consumption	12VDC (Max w/5 Cameras) 56.4W
Interface	5-100Mbps Ethernet, 2-1Gbps Ethernet, 1-100Mbps BWC Dock Radar-RS232C, Analog Audio-In-Car Mic, 2x-Analog for Wireless Microphone
Wireless	802.11a/b/g/n/ac 2x Modules 2x Antennas each, 2.4GHz/5GHz
Bluetooth	Bluetooth 4.2 LE
GPS	Built-in, SMA Connector
GPIO	16 Inputs, 4 Outputs
Impact Sensor	Built-in WW-VCF41P, WW-VC35 Front Camera, Configurable Sensitivity
Mounting Bracket	Bracket Included for Trunk / Console Mounting
Antenna	Accessory - 6 Lead Shark Fin, 4x-2.4/5GHz, 1x-BT, 1x-GPS
Battery Backup Unit	Included - 50W Capacity Automatic Switching / Configurable Shutdown
Warranty	Main Unit: 3 Years, Battery Backup Unit: 1 Year

ACCESSORIES / OPTIONS

WJ-VPU4000	VPU4000 Recording Unit Only
IPS-ICV4-ACC	VPU4000 Accessory/Cable Kit - Includes: <ul style="list-style-type: none"> ■ 256SSD w/256 AES Encryption ■ Power Distribution Box & Cables ■ Battery Backup Unit ■ 3 Ethernet 25' Cables (Black, Yellow, Blue)
IPS-ICV4-256SSD	256GB SSD w/256 AES Encryption
IPS-ICV4-512SSD	512GB SSD w/256 AES Encryption
IPS-ICV4-ANT-BL	Antenna Shark Fin 6-in-1 Antenna, Bolt-On, Black
IPS-ICV4-ANT-WH	Antenna Shark Fin 6-in-1 Antenna, Bolt-On, White
WW-VCF41P	4K Sensor Front Panoramic Camera 150° FOV
WW-VC35	Front Compact Wide Angle Camera 86°FOV
WW-VCR40W	Back Seat/Side/Rear Camera with Auto Infrared and AI Detection
ARB-M90	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 900MHz
ARB-M24	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 2.4GHz

FRONT CAMERA (WW-VCF41P)

FEATURES

Resolution: Imaging Mode: 32:9 H.264 30 fps
3840x1080, 2560x720

Zoom Range: 1x Optical; 3x Digital

Image Sensor: 1/3 CMOS

Low-light Capability: Color: 0.16 lx, B/W: 0.12 lx

Angular Field of View: Horizontal: 150° Vertical: 40°

Auto Adjustments: White Balance, Focus Fixed

Day/Night: On / Off/Auto

AGC: On (Low) / On (Mid) / On (High) / Off

Weight: .52 lbs.

Dimensions: 4.6" (W) x 1.85" (H) x 1.18" (D) (Excluding Mount)

File Format / Compression: MP4, H.264

G-Force Impact Sensor: Internal Built-In

Record: Record Button, Front and Rear Record Indication

FRONT CAMERA (WW-VC35)

FEATURES

Resolution: Imaging Mode: 16:9

H.264 1920 x 1080 / 1280 x 720 / 640 x 360 / 320 x 180, 30fps

Zoom Range: 1x Optical; 3x Digital

Image Sensor: 1/3 CMOS

Low-light Capability: Color: 0.03 lx, B/W: 0.02 lx

Angular Field of View: Horizontal: 86° Vertical: 46°

Auto Adjustments: Focus, White Balance

Day/Night: On / Off/Auto

AGC: On (Low) / On (Mid) / On (High) / Off

Weight: .43 lbs.

Dimensions: 4.5" (W) x 1.77" (H) x 1.45" (D) (Excluding Mount)

File Format / Compression: MP4, H.264

G-Force Impact Sensor: Internal Built-In

Record: Record Button, Front and Rear Record Indication

BACK SEAT/SIDE CAMERA (WW-VC40W)

FEATURES

Resolution: Imaging Mode: 16:9

H.264 1920x1080/1280x720/640x360/320x180, 30fps (Max)

Image Sensor: 1/2.8 CMOS

Low-light Capability: B/W: 0.0 lx, Color 0.06lx

Infrared: Auto

Angular Field of View: Horizontal: 180°, Vertical: 90°

Horizontal: 150°, Vertical: 90°

Auto Adjustments: White Balance, IR Auto/On/Off

Day/Night: Auto

AGC: Off/Low/Mid/High

Wide Dynamic Range: Auto

Weight: 0.55 lb

Dimensions: 4.53" (W) x 1.84" (H) x 1.94" (D)

Detection: Configurable to detect humans in back seat or approaching vehicle for officer safety



Front Camera

Video Processing Unit

Front VC-35 Camera

BackSeat/Side/Rear View Camera with AI Detection

LEARN MORE

i-pro.com/us/en/publicsafety

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