



i-PRO ICV4000 RECORDER & VCF41P FRONT CAMERA



ICV4000 360° FHD

The 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 VCF41P Full HD 1080p front camera delivers amazing clarity and color reproduction even in low light. The ICV4000 system supports up to four additional Full HD cameras for complete 360-degree situational awareness.

- Full HD 1080p high-quality video evidence capture
- Unparalleled 360-degree recording and viewing
- Supports up to two 512GB solid state drives with 256AES encryption
- Full integration with the BWC4000 Body-Worn Camera with field swappable battery
- Compatible VCF41P front camera offers full color in extreme low-light conditions
- Compatible VCF41P front camera offers industry-leading, high resolution, 86-degree wide-angle field of view
- Available wireless microphone transmits quality audio up to 1 mile
- Compatible with Unified Digital Evidence and Genetec Clearance

KEY FEATURES

Improved Hi-Speed Video Processor

MP4 Video File Format

Built-In GPS, Dual 802.11ac 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 i-PRO Public Safety VCF41P and VCR40W Cameras

Records up to 5 Full HD 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 WV-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-INCAR-MIC	In-Car Mic RCA Male Connector
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
VCF41P	Panoramic Front Camera 150° View
VCR40W	Rear/Side View Camera with IR Illumination
ARB-M90	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 900MHz

FRONT CAMERA (VCF41P)

BASIC

Power Source: PoE (IEEE802.3af compliant)

Operating environment

Ambient operating temperature: -10 °C to +50 °C {14 °F to 122 °F}

Ambient operating humidity: 10 % to 90 % (no condensation)

Resolution:

H.264 3840 × 1080 / 2560 × 720 / 1280 × 360 / 640 × 180, 1/3/5/10/30 fps options

Imaging Mode: Ultra-wide (dual-view)

Zoom Range: 1x Optical; 3x Digital (1x / 1.5x / 2x / 3x)

Image Sensor: 1/1.8" CMOS, ~8.4 MP

Low-light Capability:

Color: 0.16 lx (F1.8, AGC: On [High])

B/W: 0.12 lx (F1.8, AGC: On [High])

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

Auto Adjustments: Focus, White Balance, Exposure (AGC)

Day/Night: On / Off/ Auto

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

Weight: Camera: 0.52 lbs and Bracket: 0.26 lbs

Dimensions: 4.53"(W) × 1.83"(H) × 2.06"(D)(Excluding Mount)

File Format / Compression: H.264 only

G-Force Impact Sensor: On/Off with 10 sensitivity levels

CONTROLS (HARDWARE BASED)

Record: Record Button with Front & Rear REC Indicators; LED indicators configurable via software

CONTROLS (SOFTWARE BASED)

Manual Zoom

Auto Focus

Record Control (with Front & Rear Indicator Sync)

REAR/SIDE VIEW CAMERA (VCR40W)

FEATURES

Resolution: Imaging mode: 16:9

Compression: H.264

Image Sensor: 1/4 CMOS

Auto Adjustments: White Balance (Auto)

Day/Night: Auto (IR LED with illumination sensor)

Built-in Microphone: Nondirectional electret condenser microphone

Power: PoE (IEEE802.3af), ~4.3W

Weight: Camera: 0.55 lb, With Bracket: 0.75 lb

Dimensions: 4.53"(W) × 1.83"(H) × 1.95"(D) (Camera only, excluding mount and projecting parts)



Front Camera

Video Processing Unit

Rear/Side Camera

LEARN MORE

i-pro.com/us/en/publicsafety

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