

FIRE/EMS VIDEO SOLUTIONS



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 fire equipment video-evidence capture. The WV-VCF41P HD 1080p front camera delivers an amazing 150-degree wide-angle view. The ICV4000 system supports up to four additional HD cameras for complete 360-degree situational awareness in and around your vehicle. The WV-SBV131M is a rugged exterior camera with an adjustable lens that can be mounted at any angle.

- Full HD 1080p high-quality video evidence capture
- Unparalleled 360-degree recording and viewing
- Supports up to two 512GB solid state drives with 256 AES encryption
- Full integration with the BWC4000 Body-Worn Camera with field swappable battery
- Compatible WV-VCF41P Panoramic Front Camera with 150-degree field of view offers full color in extreme low-light conditions
- Compatible WV-SBV131M Exterior Rugged Camera offers full view for exterior side or rear vehicle mounting, enclosure can be painted to match your apparatus
- Compatible with Unified Digital Evidence (UDE) On-Premise and ClouDE Hosted DEMS

KEY FEATURES

NEW Panoramic 150° FOV for Full Windshield Coverage

NEW 4K Front Camera Image Sensor for Ultra HD Image Quality

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

NEW Dual SSD Capability up to 1TB With 256 AES Encryption

Tested to MIL-STD-810H Standards

1080p / 720p / 360p Configurable Resolution

Compatible With Arbitrator VC41P, VC31, VC32, VC35 and SBV131M Cameras

Records up to 5 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 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-ICV4-256SSD	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
WV-VCF41P	Panoramic Front Camera 150° View
WV-VC32	Side/Rear Camera (Also Order Side Cable ARB-CABL SIDE)
WV-VC31	Back Seat Camera with Infrared
WV-SBV131M	Exterior Adjustable Side/Rear Camera
IPS-ICV-ETH-M12	M12 to RJ45 Adapter Cable for WV-SBV131M Camera
IPS-ICV-ETH-IPOE	Single Port PoE Injector for WV-SBV131M Camera
IPS-ICV-ETH-SIDE-X	50ft Extended Length Ethernet Cable for Exterior Side Camera
ARB-M90	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 900MHz

PANORAMIC FRONT CAMERA (WV-VCF41P)

Resolution: Imaging Mode: 32:9
3840 x 1080p Bitrate: 14336, 10240, 8192 kbps
2560 x 720p Bitrate: 8192, 6144, 4096 kbps

Zoom Range: 1x Optical; 3x Digital

Image Sensor: 1/1.8 CMOS

Low-light Capability:

Color: Color: 0.16lx (0.0149 footcandle) (F1.8, AGC:On(High))
Monochrome: 0.12 lx (0.0112 footcandle) (F1.8, AGC: On(High))
Angular Field of View: Horizontal: 150° Vertical: 40°

INTERIOR CABIN CAMERA W/IR (WV-VC31)

Resolution: Imaging Mode: 16:9
H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (Max)

Image Sensor: 1/4 MOS

Low-light Capability: B/W: 0.0 lx (When the IR-LED is Lit)

Infrared: Auto

Angular Field of View: Horizontal: 150°, Vertical: 93°

INTERIOR SIDE/REAR CAMERA (WV-VC32)

Resolution: Imaging mode: 16:9
H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (Max)

Image Sensor: 1/4 MOS

Low-light Capability: Color: 1.5 lx | B/W: 1.0 lx

Angular Field of View: Horizontal: 150°, Vertical: 93°

EXTERIOR SIDE/REAR CAMERA (WV-SBV131M)

Resolution: Imaging Mode: 16:9
H.264 1920 x 1080 / 640 x 360 / 320 x 180, 30fps

Image Sensor: 1/3 MOS

Low-light Capability: Color: 0.1 lx B/W: 0.06 lx

Angular Field of View: Horizontal: 109°, Vertical: 73°

Adjusting Angle: Horizontal : ±170 °, Vertical : ±90 °

Image Tilt Adjustment Range : -170 ° (Left) to +170 ° (Right)

Environmental Rating: IP6K9K

Fog compensation function equipped as standard

Camera enclosure is paint-ready to match your vehicle color

BODY-WORN CAMERA

Resolution: Imaging Mode: 16:9
H.264 1080P / 720 / 360P 30fps

Battery: Detachable

Low-light Capability: Color: 0.08 lx

Angular Field of View: Horizontal: 137°, Vertical: 79°

Microphones: 4 with Advanced Noise Reduction

Internal Storage: 128GB SD Card 256AES Encryption

Note: BWC not suitable for high-heat environments



VCF41P Panoramic Camera VPU4000 Video Processing Unit



VC31 Rear Seat Camera VC32 Side View Camera



BWC4000 Body-Worn Camera



SBV131M Exterior Side/Rear Camera

LEARN MORE

i-pro.com/us/en/publicsafety

©2022 i-PRO Americas Inc. All rights reserved. R022223

