

## NEW i-PRO ICV4000 FHD & VC35 (AS-1) FRONT CAMERA



## ICV4000 360° FHD

The new 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-VC35 Full HD 1080p front camera 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
- Supports up to two 512GB solid state drives with 256AES encryption
- Full integration with the BWC4000 Body-Worn Camera with field swappable battery
- Compatible WV-VC35 front camera offers full color in extreme low-light conditions
- Compatible WV-VC35 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 On-Premise and ClouDE Hosted DEMS

### KEY FEATURES

- NEW** Improved Hi-Speed Video Processor
- NEW** MP4 Video File Format
- 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 i-PRO Public Safety VC30, VC31, VC32, VC35 and VCF41P Cameras

Records up to 5 High-Resolution Cameras at the Same Time

## GENERAL

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

## ACCESSORIES / OPTIONS

<b>WJ-VPU4000</b>	VPU4000 Recording Unit Only
<b>IPS-ICV4-ACC</b>	VPU4000 Accessory/Cable Kit - Includes: <ul style="list-style-type: none"> <li>■ 256SSD w/256 AES Encryption</li> <li>■ Power Distribution Box &amp; Cables</li> <li>■ Battery Backup Unit</li> <li>■ 3 Ethernet 25' Cables (Black, Yellow, Blue)</li> </ul>
<b>IPS-ICV4-256SSD</b>	256GB SSD w/256 AES Encryption
<b>IPS-ICV4-512SSD</b>	512GB SSD w/256 AES Encryption
<b>IPS-ICV4-ANT-BL</b>	Antenna Shark Fin 6-in-1 Antenna, Bolt-On, Black
<b>IPS-ICV4-ANT-WH</b>	Antenna Shark Fin 6-in-1 Antenna, Bolt-On, White
<b>WV-VC35</b>	Front Compact Wide Angle Camera
<b>WV-VC32</b>	Side/Rear Camera (Also Order Side Cable ARB-CABL5IDE)
<b>WV-VC31</b>	Back Seat Camera with Infrared
<b>WV-VC30</b>	Front 30x Zoom Camera
<b>ARB-M90</b>	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 900MHz
<b>ARB-M24</b>	Wireless Mic Transmitter/Receiver/Desktop Charger Kit 2.4GHz



Front Camera

Video Processing Unit

Rear Seat Camera

Side View Camera

## FRONT CAMERA (WV-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 (0.0028 footcandle) (F2.2, AGC: On [High])

B/W: 0.02 lx (0.0019 footcandle) (F2.2, AGC: On [High])

**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 / H.265

**G-Force Impact Sensor:** Internal Built-In

### CONTROLS (HARDWARE BASED)

**Record:** Front and Rear Record Indication Mode Button to Optimize for Lighting

### CONTROLS (SOFTWARE BASED)

Manual Zoom

Auto Focus

Record (Front and Rear Record Indication on Hardware)

## BACK SEAT CAMERA (WV-VC31)

### FEATURES

**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°

**Auto Adjustments:** White Balance

**Day/Night:** Auto

**AGC:** Auto

**Wide Dynamic Range:** Auto

**Weight:** 0.79 lb

**Dimensions:** .3.94" (W) x 1.69" (H) x 1.85" (D)

(Excluding Mount and Projecting Parts)

## SIDE/REAR VIEW CAMERA (WV-VC32)

### FEATURES

**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°

**Auto Adjustments:** White Balance

**Day/Night:** Auto

**AGC:** Auto

**Wide Dynamic Range:** Auto

**Weight:** 0.62 lb

**Dimensions:** .3.94" (W) x 1.69" (H) x 1.85" (D)

(Excluding Mount and Projecting Parts)

## LEARN MORE

[i-pro.com/us/en/publicsafety](http://i-pro.com/us/en/publicsafety)

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