

## 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, with
- Compatible WV-VC35 front camera offers 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 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 Arbitrator VC30, VC31, VC32, VC35 Cameras

Record up to five 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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