



## ARBITRATOR 360° HD

- Full HD 1080p High-quality Video Evidence Capture
- Unparalleled 360° Recording and Viewing
- Low-light Technology for Viewing in Darkness
- Industry-leading 65° Wide-angle Lens and up to 360x Zoom for Maximum Field of View
- SafeServ™ Evidence Management Software is Compatible with Previous Arbitrator Models and the Panasonic Body Worn Camera
- Supports up to Two 512GB Solid State Drives
- Wireless Microphone System Can Transmit Quality Audio up to 1 Mile from the Receiver
- Provides the Capability to Manage Non-Arbitrator Files

## ARBITRATOR 360° HD—THE CLEAR CHOICE FOR MOBILE EVIDENCE CAPTURE.

The Arbitrator 360™ HD rugged in-car digital video recording system leads the industry in image quality for unmatched critical mobile video evidence capture. Its Full HD 1080p front camera delivers amazing clarity and ultra-accurate color representation, capturing a 65° field of view with enhanced low-light zooming. Up to four additional cameras covering the sides and rear record in 720p HD with 150° horizontal and 93° vertical fields of view to maximize situational awareness.

The Arbitrator 360° HD system is engineered to work with Panasonic's SafeServ™ Evidence Management Software Suite, which provides a comprehensive, secure and easily customized digital Unified Evidence Management System. With the ability to manage digital evidence, including still images, IP surveillance video footage and video from Arbitrator Body Worn Camera, SafeServ also protects your investment by ensuring compatibility with previous Arbitrator models.

# ARBITRATOR 360° HD

## DURABILITY

- MIL-STD-810G compliant
- Rugged mount designed to withstand extreme heat and vibration

## KEY FEATURES

- Front camera provides H.264 Full HD video (1080p) high-quality image resolution
- Wide-angle lens provides an exceptional field of view
- Up to 5 cameras can be recorded and viewed simultaneously using split screen, offering an unparalleled 360° view
- Up to 3 channels of audio can be recorded simultaneously
- Low-light technology allows for viewing in near complete darkness
- Wireless microphone transmits high-quality audio up to 1 mile from the receiver
- Recorded files can be archived on a local/external hard drive or DVD-R and transmitted via Wi-Fi or other high-speed wireless networks
- Provides an easy-to-use graphical interface to maximize officer safety and flexible evidence management in the vehicle

## FRONT CAMERA (WV-VC30)

### FEATURES

- Resolution  
Imaging mode: 16:9  
H.264 1920 x 1080 / 1280 x 720 / 640 x 360 / 320 x 80, 30fps  
30x Optical; 12x Digital  
1/3 MOS  
Color: 0.5 lx (F1.6, Shutter: 1/30s, AGC: On [High])  
B/W: 0.02 lx (F1.6, Shutter: 1/30s, AGC: On [High])  
Horizontal: 2.3-65.1°  
Vertical: 1.3-38.4°
- Zoom Range
- Image Sensor
- Low-light Capability
- Angular Field of View  
Color: 0.5 lx (F1.6, Shutter: 1/30s, AGC: On [High])  
B/W: 0.02 lx (F1.6, Shutter: 1/30s, AGC: On [High])  
Horizontal: 2.3-65.1°  
Vertical: 1.3-38.4°  
Focus, White Balance  
Off/Auto  
On (Low) / On (Mid) / On (High) / Off  
1.35 lbs.  
3.58" [W] x 2.95" [H] x 4.84" [D]  
(excluding mount and projecting parts)
- Auto Adjustments
- Day/Night
- AGC
- Weight
- Dimensions

### CONTROLS

- Manual Zoom
- Auto Zoom
- Auto Focus
- Record
- Mode Button to Optimize for Lighting Conditions
- Home Button
- Control Camera Button Backlight
- Front and Rear Record Indication

## REAR SEAT CAMERA (WV-VC31)

### FEATURES

- Resolution  
Imaging mode: 16:9  
H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (max)  
1/4 MOS  
Color: 1.5 lx  
B/W: 0.0 lx (when the IR-LED is lit)
- Image Sensor
- Low-light Capability
- Infrared
- Angular Field of View  
Auto  
Horizontal: 150°  
Vertical: 93°  
White Balance  
Auto  
Auto  
Auto  
0.79 lb.  
3.94" [W] x 1.69" [H] x 1.85" [D]  
(excluding mount and projecting parts)
- Auto Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
- Dimensions

## SIDE VIEW CAMERA (WV-VC32)

### FEATURES

- Resolution  
Imaging mode: 16:9  
H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (max)  
1/4 MOS  
Color: 1.5 lx  
B/W: 1.0 lx
- Image Sensor
- Low-light Capability
- Angular Field of View  
Horizontal: 150°  
Vertical: 93°  
White Balance  
Auto  
Auto  
Auto  
0.62 lb.  
3.94" [W] x 1.69" [H] x 1.85" [D]  
(excluding mount and projecting parts)
- Auto Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
- Dimensions

## VIDEO PROCESSING UNIT (WJ-VR30)

### GENERAL

- Operating Temperature -10°C to 50°C
- Storage Temperature -20°C to 60°C
- Operating Humidity 10% to 80% (no condensation)
- Power Source 12V DC  
(Guaranteed operating voltage: 10V to 14V)
- Power Consumption 56.4W (with 5 cameras)
- Voltage/Current 12V / 4.7A (max)
- Dimensions 7" [W] x 3.44" [H] x 6.1" [D]
- Weight 4.0 lbs.

### RECORDING

- Recording Media SSD
- Capacity Supports up to [2] 512GB
- SSD Slot With electromagnetic lock

### INTERFACE

- 5-10/100Mbps Ethernet Ports for up to five cameras
- 2-1Gbps Ethernet Ports for PC/Upload
- Optional Wireless LAN 1 (for Upload) 802.11n 2 x 2 [2.4GHz, 5GHz]
- Serial Port (for Radar Gun) RS-232C
- GPIO 16 Inputs, 4 Outputs
- GPS Built-in
- Power Connector (12V DC) [+]/[-]/[ACC]/[I.N.C.]
- Analog Audio Input 1 (for In-Car Mic) -50 dBV, 3k Ω Unbalanced
- Analog Audio Input 2 (for W-Mic) -10 dBV, 25k Ω Unbalanced

### FRONT PANEL

- Buttons REC, STOP
- Indicator REC, READY, BUSY, UPLOAD, SSD1, SSD2, LAN, PC, WIRELESS1, WIRELESS2, PoE, LINK/ACT

## WIRELESS MICROPHONE

### FEATURES

- Frequency Bandwidth 902MHz-928MHz ISM Band
- Communication Range 5000 ft. (in Open Field)
- Talk Time 12 Hours

### WIRELESS TRANSMITTER

- Buttons REC, MUTE, AUX
- Indicators (Battery Power Level) Green (50%-100%)  
Amber (15%-49%)  
Red (Under 15%)
- Indicators (Tx Status) Out of Range, Sync, Mute, Recording
- Sampling Frequency 16KHz

### WIRELESS RECEIVER

- Charging Status Indicator
- Auxiliary Control of In-vehicle Devices
- Real time Status Updates with VPU

## SOFTWARE SUITE

### SafeServ™ APPLICATION

- Administrator-controlled System Configuration
- Flexible Storage Options
- Flexible Operating Environment
- Single Platform Evidence Management

### CommandR™ APPLICATION

- Provides Full System Control
- Runs on Windows® OS
- Allows Documentation and Classification of Event

