

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
- UEMS Software is Compatible with Previous Arbitrator Models and the Panasonic Wearable Camera
- Supports up to Two 512GB Solid State Drives
- Wireless Microphone System Can Transmit Quality Audio up to 1.5 Km from the Receiver
- Provides the Capability to Manage Non-Arbitrator Files

Introducing the revolutionary Arbitrator 360° HD—the clear choice for mobile evidence capture.

The NEW 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 180° horizontal and 93° vertical fields of view to maximize situational awareness. Built on the foundation of Panasonic's industry leading i-PRO surveillance cameras, the Arbitrator 360° HD delivers the trusted mobile digital video evidence that first responders need for confidence in the courtroom, improved officer safety and trusted community relationships.

The Arbitrator 360° HD system is engineered to work with Panasonic's UEMS Evidence Management Software Suite, which provides a comprehensive, secure and easily customized digital evidence, management system. With the ability to manage digital evidence, including still images, IP surveillance video footage and video from Panasonic's WV-TW370 wearable camera systems, UEMS also protects your investment by ensuring compatibility with previous Arbitrator models.



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DURABILITY

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

KEY FEATURES

- Front camera provides H.264 full HD video (1080p) high-quality image resolution
- Interoperable with a Toughbook® PC or other vehicle-mounted PC
- 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 7 channels of audio can be recorded simultaneously
- Night Eye Mode: Low-light technology allows for viewing in near complete darkness
- Wireless microphone transmits high-quality audio up to 1.5 km 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/REAR CAMERA (WV-VC30)

FEATURES

COMPONENT

- Resolution
- Zoom Range
- Image Sensor
- Low-light Capability
- Angular Field of View
- Auto Adjustments
- Day/Night/Super Dynamic/Night Eye
- AGC
- Weight
- Dimensions

SPECIFICATION

Imaging mode: 16:9
H.264 1920x1080 / 1280x720 / 640x360 / 320x80, 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 degrees
Vertical: 1.3-38.4 degrees
Focus, White Balance
Off/Auto
On [Low] / On [Mid] / On [High] / Off
570 g, 608 g, with sunshade
3.25" [W] x 2.95" [H] x 4.84" [D] [82.55mm L x 74.9mm H x 122.9mm D]
With optional sunshade
3.58" [W] x 2.95" [H] x 4.84" [D] [90.9mm L x 74.9mm H x 122.9mm D]
(excluding mount and projecting parts)

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

BACK SEAT CAMERA (WV-VC31)

FEATURES

COMPONENT

- Resolution
- Image Sensor
- Low-light Capability
- Infrared
- Angular Field of View
- Auto Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
- Dimensions

SPECIFICATION

Imaging mode: 16:9
H.264 1280x720 / 640x360 / 320x180, 30fps
(max) 1/4 MOS
Color: 1.5 lx
B/W: 0.0 lx (when the IR-LED is lit)
Auto
Horizontal: 180 degrees
Vertical: 93 degrees
White Balance
Auto
Auto
Auto
0.79 lb. [0.36Kg]
3.94" [W] x 1.69" [H] x 1.85" [D] [100.1mm L x 42.9mm H x 46.9mm D]
(excluding mount and projecting parts)

SIDE VIEW CAMERA/ FRONT CAMERA OPTION (WV-VC32)

FEATURES

COMPONENT

- Resolution
- Image Sensor
- Low-light Capability
- Angular Field of View
- Auto Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
- Dimensions

SPECIFICATION

Imaging mode: 16:9
H.264 1280x720 / 640x360 / 320x180, 30fps (max)
1/4 MOS
Color: 1.5 lx
B/W: 1.0 lx
Horizontal: 180 degrees
Vertical: 93 degrees
White Balance
Auto
Auto
Auto
0.62 lb. [.28Kg]
3.94" [W] x 1.69" [H] x 1.85" [D] [100.1mm L x 42.9mm H x 46.9mm D]
(excluding mount and projecting parts)



Front Camera Video Processing Unit Back Seat Camera Side View Camera

VIDEO PROCESSING UNIT (WJ-VR30)

GENERAL

- Operating Temperature -30°C to 50°C
- Storage Temperature -30°C to 60°C
- Operating Humidity 10% to 80% (no condensation)
- Power Source 12V DC
(Guaranteed operating voltage: 10V to 14V) 56.4W (with 5 cameras)
- Power Consumption 12V / 4.7A (max)
- Voltage/Current 7" [W] x 3.44" [H] x 6.1" [D]
(177.8mm L x 87.3mm H x 154.9mm D)
- Dimensions 4.0 lbs. (1.82Kg)

RECORDING

- Recording Media SSD
- Capacity Standard 256 and 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
- Wireless LAN included 802.11n
- Serial Port (for Radar Gun) RS-232C
- GPIO 16 Inputs, 4 Outputs
- GPS Built-in
- Power Connector (12V DC) (+)/(-)/I(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. (1,524m) (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

UEMS APPLICATION

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

FEC APPLICATION

- Provides Full System Control
- Runs on Windows® OS
- Allows Documentation and Classification of Event
- Firmware upload
- Wifi offload 802.11 ac
- WPA EAP-TLS

DIGITAL TABLET

- Video/Audio Display
- Controller Unit
- Based on Panasonic Toughbook FZ-M1
- Dimensions - 7.98" [L] x 5.20" [W] x 0.71" [H]
- Raised bezel for LCD impact protection
- MIL-STD-810G certified [5' drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity

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