



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
- 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 Unified Evidence Management System and Unified Digital Evidence, which provides a comprehensive, secure and easily customized digital management system. With the ability to manage digital evidence, including still images, IP surveillance video footage and video from Arbitrator 360, Panasonic Evidence Management System 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 locally or in the cloud via Wi-Fi or your 4G/5G 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°
Focus, White Balance
Off/Auto
On [Low] / On [Mid] / On [High] / Off
- Zoom Range
- Image Sensor
- Low-light Capability
- Angular Field of View
- Auto Adjustments
- Day/Night
- AGC
- Weight
1.35 lbs.
- Dimensions
3.58"(W) x 2.95"(H) x 4.84"(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

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 Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
0.79 lb.
- Dimensions
3.94"(W) x 1.69"(H) x 1.85"(D)
(excluding mount and projecting parts)

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 Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
0.62 lb.
- Dimensions
3.94"(W) x 1.69"(H) x 1.85"(D)
(excluding mount and projecting parts)

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)(IN.C.)
(-50 dBV, 3k Ω Unbalanced)
- Analog Audio Input 1
(for In-Car Mic)
-10 dBV, 25k Ω Unbalanced
- Analog Audio Input 2
(for W-Mic)

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

Unified Digital Evidence™ APPLICATION

- Administrator-controlled System Configuration
- Flexible Storage Options
- Flexible Operating Environment
- On-Premise, Cloud, or Hybrid Evidence Management System

Arbitrator Front-End™ APPLICATION

- Provides Full System Control of Cameras and Components
- Live View and Playback of Archived Videos
- Allows Classification, Bookmarking, Case Number of Events
- Runs on Windows® 7 or Windows 10 OS



LEARN MORE

security.us.panasonic.com/public-safety/arbitrator-360-hd

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