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™ 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 Mile 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 150° 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 SafeServ™ 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-TW310 wearable camera systems, SafeServ also protects your investment by ensuring compatibility with previous Arbitrator models.

1.800.662.3537
us.panasonic.com/arbitrator360hd

SOLUTIONS FOR PUBLIC SAFETY

Arbitrator 360° FULL **HD**
MOBILE EVIDENCE CAPTURE SYSTEM

Front Camera   **Video Processing Unit**   **Rear Seat Camera**   **Side View Camera**

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
	■ 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 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	COMPONENT	SPECIFICATION
	■ Resolution	Imaging mode: 16:9
		H.264 1920x1080 / 1280x720 / 640x360 / 320x80, 30fps
	■ Zoom Range	30x Optical; 12x Digital
	■ Image Sensor	1/3 MOS
	■ Low-light Capability	Color: 0.5 lx (F1.6, Shutter: 1/30s, AGC: On [High])
		B/W: 0.02 lx (F.1.6, Shutter: 1/30s, AGC: On [High])
	■ Angular Field of View	Horizontal: 2.3-65.1 degrees
		Vertical: 1.3-38.4 degrees
	■ Auto Adjustments	Focus, White Balance
	■ Day/Night	Off/Auto
	■ AGC	On (Low) / On (Mid) / On (High) / Off
	■ Weight	1.35 lbs.
	■ Dimensions	3.58"(W) x 2.95"(H) x 4.84"(D)
		(excluding mount and projecting parts)

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

REAR SEAT CAMERA (WV-VC31)

FEATURES	COMPONENT	SPECIFICATION
	■ Resolution	Imaging mode: 16:9
		H.264 1280x720 / 640x360 / 320x180, 30fps (max)
	■ Image Sensor	1/4 MOS
	■ Low-light Capability	Color: 1.5 lx
		B/W: 0.0 lx (when the IR-LED is lit)
	■ Infrared	Auto
	■ Angular Field of View	Horizontal: 150 degrees
		Vertical: 93 degrees
	■ 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 VIEW CAMERA (WV-VC32)

FEATURES	COMPONENT	SPECIFICATION
	■ Resolution	Imaging mode: 16:9
		H.264 1280x720 / 640x360 / 320x180, 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 degrees
		Vertical: 93 degrees
	■ 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)

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)/(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

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