

Professional AV Recorder and Camera Tracking

TRI-VCV-CAM-801

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Features:

- H.265 support H.265 encoding supports conference cameras, and can realize full HD 1080p/60fps video streaming through ultra-low bandwidth.
- 1080P Full HD and NDI®/HX (optional) Using a new generation of Panasonic's 1/2.8 inch high-quality high-definition CMOS sensor with 2.07million effective pixels, it can achieve high-quality images with a maximum resolution of 1920x1080.
- Ultra high frame rate The output frame rate of 1080P is up to 60fps, the output frame rate of 720P is up to 120fps (only supported by the network), and 640x480P can be up to 240fps (only supported by
- AAC audio coding Supports AAC audio coding, with better sound quality and smaller bandwidth. EQ auto adjustment to reduce noise and support mic input.



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Technical specifications

Parameter	Value
Video System	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/120 (supported by network only), 720p/60, 720p/50, 720p/30, 720p/25, 640x480p/240 (supported by network only, optional) SD: 480i, 576i
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8 , or 30x, f4.3mm ~ 129.0mm, F1.8 ~ F2.8
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	60.7°~ 3.36°
Vertical Angle of View	34.1°~ 1.89°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30°~ +90°
Pan Speed Range	1.7°~ 100°/s
Tilt Speed Range	1.7°~ 69.9°/s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°
USB Featured	
Operate System	Windows 10 or higher, Windows 7, Windows 8, Mac OS X, Linux
Color System	YUV 4:2:2/MJPEG/H.264
Video Format	USB3.0 : 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 USB2.0 : USB2.0:960x540p/30, 960x540p/25, 640x360p/60, 640x360p/50
USB Video Communication Protocol	UVC 1.0
UVC PTZ	Support
IPC Features	
Video Compression	H.265/H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576
Sub Stream Resolution	720x576, 720x480, 320x240

For the most current specification information, please visit tri-star.co.in

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Parameter	Value
Video Bit Rate	128Kbps ~ 8192Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps, 720p120: 120fps, 640x480p240: 240fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	NDI, TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.
Input/Output Interface	
HD Output	1xHDMI: Version 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
SD Output	1xCVBS: 3.5mm mini jack, 1Vp-p, 75Ω
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB	1xUSB3.0: Type A female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
	xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
	1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)
Generic Specification	
Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Operating Temperature	10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	40°C ~ 60°C (-40°F ~ 140°F)
MTBF	≥30000 hours
Power Consumption	12W (Max)
Size	169mm x 142mm x 164mm
Net Weight	1.35Kg (3.0lb)

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