

VHD-V800M
Integrated HD Meeting tracking camera

All-in-One HD Meeting Tracking Camera

panorama + close-up

Same image style and low distortion

Main Features	<ul style="list-style-type: none"> ●All-in-One Design can output panoramic and close-up 4 channel hd 1080P video. ●Intelligent meeting auto framing Built-in leading image recognition and tracking algorithm, support auto framing the designated area, HD display conference screen. ●Adjustable Viewing Angle Panorama camera can adjust viewing angle in vertical(-20° ~ 0°), so as to convenient for installation and degugging. ●Same Image Style Both panorama camera and close-up camera use the same ISP, make sure the image output have the same brightness, color, style, etc. ●Easy Configuration Easy to make a configuration for tracking parameters by connecting to Ethernet directly. Just some basic parameters will be configed, and engineering debugging time and cost will be saved. ●72.5° Wide-angle Lens + 12x optical Zoom Close-up camera use 72.5° wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom. ●1080P Full HD Apply Panasonic's high quality HD CMOS sensors of 1/2.8 inch, 2.07 million effective pixels, so as to reach maximum 1920 x 1080 resolution and achieve quality image. ●Ultra-high Frame Rate The output frame rate is up to 60fps in 1080P. ●AAC Audio Encoding Close-up camera support AAC audio encoding, better sound quality and smaller bandwidth.
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Model	VHD-V800M
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Name	All-in-One HD Meeting Tracking Camera
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Close-up Camera	
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Video System	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50
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Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
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Scanning Mode	Progressive
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Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
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Digital Zoom	16x
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Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
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Shutter	1/30s ~ 1/10000s
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White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
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Backlight Compensation	Support
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Digital Noise Reduction	2D&3D Digital Noise Reduction
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Video S/N	≥55dB
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Horizontal Angle of View	72.5° ~ 6.9°
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Vertical Angle of View	44.8° ~ 3.9°
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Horizontal Rotation Range	±170°
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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
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°
Panorama Camera	
Video System	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12 Mount
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support
Image Freeze	Support
H & V Flip	Support
Network Features	
Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream, third stream, fourth stream
First Stream Resolution	1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360
Second Stream Resolution	1920x1080, 1280x720, 1024x576, 720x576, 720x480, 640x360, 480x270, 320x240, 320x180
Third Stream Resolution	1280x720, 1024x576, 720x576, 720x480, 640x360, 480x270, 320x240, 320x180
Fourth Stream Resolution	1280x720, 1024x576, 720x576, 720x480, 640x360, 480x270, 320x240, 320x180
Video Bit Rate	32Kbps ~ 20480Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.
Input/Output Interface	
HD Output	1xHDMI: Version 1.3
	2x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Network Interface	2xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, VISCA/Pelco-D/Pelco-P Protocol
	2xRS232 Out: 8pin Min DIN, Max Distance: 30m, VISCA Protocol Networking
	1xRS485: 2pin Phoenix Port, Max Distance: 1200m, VISCA/Pelco-D/Pelco-P Protocol
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)
Power Consumption	12W (Max)
MTBF	>30000h
Size	200mm (W) x 150mm (D) x 165mm (H)
Net Weight	1.6Kg
Picture	 The image contains two photographs of a PTZ camera. The left photograph shows the camera from a front-facing perspective, highlighting its black, cylindrical lens assembly mounted on a silver-colored, adjustable pan-tilt-zoom mechanism. The camera is positioned on a dark grey, rectangular base. The front of the base features a small circular power button and the text 'STATUS POWER'. The right photograph shows the camera from a side angle, resting on a light-colored wooden surface. This view emphasizes the camera's depth and the texture of the wood.