

VIS-CDC HD Camera



Feature

- H.265 Support

The first H.265 encoding support conference video camera in the world, enabling full HD 1080p/60fps video stream by ultra-low bandwidth.

- 1080P Full HD

Apply Panasonic's 1/2.8 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.

- Ultra-high Frame Rate

The output frame rate up to 60fps in 1080P, up to 120fps output in 720P (supported by network only), 640x480P can be as high as 240fps (supported by network only, optional).

- AAC Audio Encoding Support AAC audio encoding, better sound quality and smaller bandwidth.

- Local Storage Support local storage module, directly recording to local USB flash disk without NVR.

- Low-light High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.

- Abundant & Perfect Interface Support HDMI output, 3G-SDI interface, effective transmission distance up to 150 meters (under 1080p30). HDMI, SDI, Network can output at the same time. It also support CVBS interface.

- 20x Optical + 32x Digital Zoom Use TAMRON high quality super telephoto lens, support 20x optical zoom, and 32x digital , 30x Optical + 16x Digital Zoom(Model VIS-CDC-30-S) zoom (optional).

Black or white color (Optional)

- Remote Control

Using RS232/485 interface, all the parameters of the camera can be remote controlled by the high-speed communications.

Item Model for Order

Model VIS-CDC-U 20x optical zoom, USB3.0, HDMI, LAN, Ceiling Mount

Model VIS-CDC-S 20x optical zoom, USB2.0, HDMI, 3G-SDI, LAN, Ceiling Mount

Specification

VIS-CDC-S, VIS-CDC-30-S	VIS-CDC-U
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(Model VIS-CDC-30-S)
Digital Zoom	32x (optional), 16x(optional Model VIS-CDC-30-S)
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
Face Detection	Support (optional)
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°
USB Featured	

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Operate System	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux	
Color System	YUV 4:2:2	
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	
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	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	1xHDMI: Version 1.3
SD Output	1xCVBS: 3.5mm mini jack, 1Vp-p, 75Ω	None
Network Interface	1xRJ45: 10M/100M Ethernet Interface	
Audio Interface	1-ch: 3.5mm Audio Interface, Line In	
USB	1xUSB2.0: Type A female jack	1xUSB3.0: Type B female jack 1xUSB2.0: Type A female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P	
	1xRS232 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		

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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)
MBTF	≥30000 hours
Power Consumption	12W (Max)
Size	169mm x 142mm x 164mm
Net Weight	1.35Kg (3.0lb)