

TIS

Model : VC62



Main FEATURES

- **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 1/2.7 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 (supported by VC62S(POE) only).

- **20x Optical + 16x Digital Zoom**

Use Panasonic high quality super telephoto lens, support 20x optical zoom, and 16x digital zoom (optional).

- **Remote Control**

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

- **IR wireless remote control distance not less than 3 meter include.**



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	1/2.7", CMOS, Effective Pixel: 2.07M	
Scanning Mode	Progressive	
Lens	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8	
Digital Zoom	16x (optional)	
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	
Focus	Auto	Manual
Wide dynamic Range	off/level adjustment	
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	
PoE	Support (only VC62S)	
Face Detection	Support (optional)	
Local Storage	Support	
Number of Preset	255	
Preset Accuracy	0.1°	
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 (optional)	
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
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	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) Option(POE)
Generic Specification	
Input Voltage	DC 12V / PoE (802.3af)
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)

application diagram :

