DSP9212
HD Video Conference Camera

Description

DSP9212 is a high-definition video conference camera with H.265 encoding, 72.5° high-quality ultra-wide focus lens, signal-to noise ratio up to55 dB, effective pixels up to 2.07 million, and support HDMI, SDI, CVBS, LAN output, meeting the user's real face-to-face image, sound, data communication needs, which is suitable for video conference, HD recording and broadcasting, distance education, etc.

Features

●Support HDMI, 3G-SDI, LAN, CVBS output, HDMI, SDI, LAN can be output at the same time.

●Using RS232 and RS485 ports, can control the camera remotely.

●12× optical zoom with 72.5° high-quality ultra-wide focus lens, support 16× digital zoom (Optional).

●Support H.265 encoding video conferencing camera that enables ultra-low bandwidth transmission at Full HD 1080p/60fps.

●With a new generation of Panasonic 1/2.7 inch, 2.07million effective pixels of high-quality HD CMOS sensors, can achieve high-quality images with a maximum resolution of 1920×1080.

●Output frame rate can reach 60fps at 1080P, up to 120fps at 720P (with "S" model only), up to 240fps at 640×480P (with "S" model only, optional).

●Built-in face detection module,which can achieve face detection for PTZ tracking (optional).

●Support AAC audio coding, better sound quality and less bandwidth occupation.

●Support local storage function, realize local direct recording of USB disk without NVR.

●New CMOS image sensor with ultra-high performance-to-noise ratio, applies 2D, 3D noise reduction algorithms, image signal-to-noise ratio is as high as 55dB or more.

●Support the image freezing function of the preset position process, shielding the image of the preset position calling process.

Specifications

Camera	Name	HD Video Conference Camera
	Model	VHD-V61/V61S
	Signal	HDHD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p30, 720p25, 720p/120 (with "S" model only), 640x480p/240 (with "S" model only, optional) SD: NTSC, PAL
	Sensor	1/2.7 inch, CMOS, Effective Pixels: 2.07 million
	Scan Method	Line by line scan
	Camera Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
	Digital Zoom	16× (Optional)
	Min.Illumination	0.5Lux @ (F1.8, AGC ON)
	Shutter	1/30s ~ 1/10000s
	White Balance	Automatic, Outdoor, Indoor, One-touch, Manual
	Backlight Compensation	Support
	Digital Noise Reduction	2D & 3D digital noise reduction
	SNR	≥55dB
	Horizontal FOV	72.5° ~ 6.9°
	Vertical FOV	44.8° ~ 3.9°
	Horizontal Rotation Range	±170°
	Vertical Rotation Range	-30° ~ +90°
	Speed Range of Horizontal Rotation	1.7° ~ 100°/s
	Speed Range of Vertical Rotation	1.7° ~ 69.9°/s
	Horizontal,Vertical Flip	Support
	Image Freezing	Support
	POE Power Supply	Support (Optional)
	Face Detection	Support (Optional)
	Local Storage	Support
	Preset Bit Quantity	255
	Preset Bit Accuracy	0.1°

IPC Parameters	Video Coding Standard	H.265/H.264/MJEPG
	Video Bitstream	First stream, second stream
	First Stream Resolution	1920x1080,1280x720,1024x576,960x540,640x480,640x360
	Second Stream Resolution	1280x720,1024x576,720x576(50Hz), 720x480(60Hz),720x408,640x360, 480x270,320x240,320x180
	Bit Rate	32Kbps~20480Kbps
	Bit Rate Control	Variable bit rate, Fixed bit rate
	Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps, 720p120: 120fps(with "S" model only), 640x480P: 240fps(with "S" model only, optional)
	Audio Compression	AAC
	Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
	Support protocol	TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, multicast, etc.
Input, Output Port	HD Output	One-way, HDMI: Version 1.3
	SD Output	One-way HD-SDI: BNC type, 800mVp-p, 75Ω, follows SMPTE 424M standard
	Network Interface	One-way, RJ45: 10/100/1000M adaptive Ethernet port
	Audio Interface	One-way, Line In, 3.5mm audio interface
	USB Port	One-way, USB 2.0, type A socket
	Communication Interface	One-way, RS-232 IN: 8-pin miniature DIN, maximum distance: 30m, VISCA / Pelco-D / Pelco-P protocol; One-way, RS-232 OUT: 8-pin small DIN, maximum distance: 30 meters, VISCA protocol for networking; One-way, RS-485: 2-core Phoenix mouth, Maximum distance: 1200 m, VISCA / Pelco-D / Pelco-P protocol
	Power Interface	JEITA type (DC IN 12V)
Others	Input Voltage	DC 12V / PoE (802.3af) (Optional)
	Input Current	1.0A（Maximum）
	Work Temperature	-10°C ~ 40°C
	Storage Temperature	-40°C ~ 60°C
	Power Consumption	12W（Maximum）
	MTTF	>30000 hours
	Size	169mm x 142mm x 164mm

	Weight	1.35kg