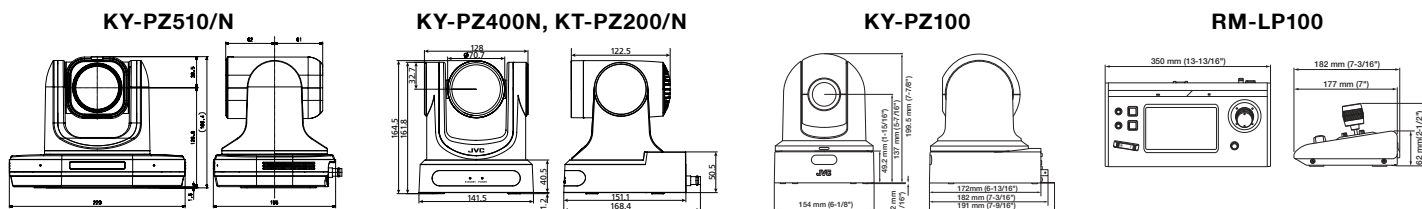


General Specification

	KY-PZ510N	KY-PZ510	KY-PZ400N	KY-PZ200N	KY-PZ200	KY-PZ100
Camera						
Sensor	1/2.8 inch CMOS, effective pixels: 8.40M		1/2.5 inch CMOS, effective pixels: 8.51M		1/2.8 inch, CMOS, effective pixels: 2.07M	
Lens	F1.8 to F3.7, f=3.4 to 41.6mm 35mm equivalent (approx.): 21.8 to 261.8mm		F1.8 to F2.6 f=4.4 to 52.8mm 35mm equivalent (approx.): 26.4 to 316.8mm		F1.8 to F2.8 f=4.4mm to 88.5mm 35mm equivalent (approx.): 30.2 to 606.9mm	
Optical Zoom	12x		12x		20x	
Digital Zoom	16x		16x		16x	
Minimal Illumination	0.5lx @ (F1.8, AGC ON)		0.5lx @ (F1.8, AGC ON)		High sensitive mode ON: 0.02 lx	
Gain	0 dB to 45 dB		0 dB to 48 dB		0 dB to 48 dB	
Shutter	[60Hz] 1/30s ~ 1/10000s [50Hz] 1/25s ~ 1/10000					1/6(E model) or 1/8(U model) to 1/10000
White Balance	Auto, Indoor, Outdoor, One Push, Manual					FAW, AWB, AWB Paint, Indoor, Outdoor, Manual
Angle of View	Horizontal: 80° to 8°		Horizontal: 71° to 8.2°		Horizontal: 60.7° to 3.36°	
Rotation Range	Horizontal ±162.5°, Vertical -30° to +90°		Horizontal ±170°, Vertical -30° to +90°		Horizontal ±175°, Vertical -30° to +90°	
Pan Tilt Speed	PAN: 1.8°/s to 80.5°/s, TILT: 1.5°/s to 49°/s		PAN: 1.7°/s to 100°/s, TILT: 1.7°/s to 69.9°/s		PAN: 0.1°/s to 480°/s (AC adapter) TILT: 0.1°/s to 300°/s (AC adapter)	
Image	H/V flip, Image freeze, H/V auto inverting function					H/V flip, Image freeze
Preset Accuracy	Number of preset: 255, Preset accuracy: 0.1°					Number of presets: 100 Preset accuracy: 0.03°
Input / Output Interfaces						
HDMI Output	TYPE A, Max 3840x2160 60p50p YUV4:2:2 12bit RGB4:4:4 8bit		TYPE A, Max 3840x2160 30p25p		TYPE A, Max 1920x1080 60p50p	
3G-SDI Output	BNC type (3G-SDI), Embedded audio Video: SMPTE 424M, SMPTE 292M Audio: SMPTE 299M, Max 1920x1080 60p50p					
Network Interface(LAN)	RJ45: 10BASE-T/100BASE-TX/1000BASE-T					
Audio Interface	Φ3.5mm mini jack x1 LINE IN :Unbalanced Stereo Internal Microphone		Φ3.5mm mini jack x1 LINE IN : Unbalanced Stereo LINE OUT : Unbalanced Stereo		Φ3.5mm mini jack x1 LINE IN: Balanced Mono / Unbalanced Stereo MIC IN: Balanced Monaural MIC IN: Unbalanced stereo plug-in power 2.5V	
USB	C type for UVC, Host mode is not supported, UAC UVC 1.1 to 1.5,		A type for maintenance		A type for maintenance B type USB3.0 for UVC 1.1 to 1.5,	
Communication Interface	RS232 IN: 8-pin mini DIN, Protocols: Standard/Pelco-D/Pelco-P RS232 OUT: 8-pin mini DIN, Protocols: Use only Standard protocol RS485: 2-pin Phoenix port Protocols: Standard/Pelco-D/Pelco-P				RS232 IN: 8-pin mini DIN RS232 OUT: 8-pin mini DIN RS422: Serial Control (RJ-45)	
Network						
Video Compression	H.265/HEVC, H.264, MotionJPEG					H.264
Video Stream	Main Stream Resolution: 640x360 to 3840x2160 (KY-PZ510N, KY-PZ400N) 1920x1080 (KY-PZ200N), Frame Rate: 25p to 60p Sub Stream Resolution: 320x240 to 720x480, Frame Rate: 25p to 60p					Main Stream
TC	VITC		VITC		VITC	
Streaming Protocol	Video Compression / Protocol / Resolution / Maximum Frame rate / Maximum bit rate					*Streaming quality depends on network environment
H.265/HEVC	SRT 3840x2160 60p50p 60Mbps with VITC 3840x2160 30p25p 60Mbps with VITC NDI® 5 (KY-PZ510N built in NDI@ HX) 3840x2160 60p50p 60Mbps 3840x2160 30p25p 60Mbps RTSP/RTP 3840x2160 60p50p 60Mbps with VITC 3840x2160 30p25p 60Mbps with VITC		SRT 1920x1080 60p50p 60Mbps with VITC NDI® 4.x (KY-PZ400N built in NDI@ HX) 1920x1080 60p50p 60Mbps RTSP/RTP 3840x2160 30p25p 60Mbps		SRT 1920x1080 60p50p 60Mbps with VITC NDI® 4.x (KY-PZ200N built in NDI@ HX) 1920x1080 60p50p 60Mbps RTSP/RTP 1920x1080 60p50p 60Mbps with VITC	
H.264	SRT 3840x2160 60p50p 60Mbps with VITC NDI® 5 (KY-PZ510N built in NDI@ HX) 3840x2160 60p50p 60Mbps RTSP/RTP 3840x2160 60p50p 60Mbps with VITC RTMP, RTMPS 3840x2160 60p50p 60Mbps UVC 3840x2160 30p25p		SRT 3840x2160 30p25p 60Mbps with VITC NDI® 4.x (KY-PZ400N built in NDI@ HX) 3840x2160 30p25p 60Mbps RTSP/RTP 3840x2160 30p25p 60Mbps with VITC RTMP, RTMPS 3840x2160 30p25p 60Mbps		SRT 1920x1080 60p50p 60Mbps with VITC NDI® 4.x (KY-PZ200N built in NDI@ HX) 1920x1080 60p50p 60Mbps RTSP/RTP 1920x1080 60p50p 60Mbps with VITC RTMP, RTMPS 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p	
Motion JPEG	RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p		RTSP/RTP 1920x1080 60p50p		RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p	
Others	MPEG2-TS/RTP, MPEG2-TS/UDP					MPEG2 TS/UDP, MPEG2 TS/RTP, Zixi
Remote Protocol	NDI®(KY-PZ510N, KY-PZ400N, KY-PZ200N), Standard, Pelco, JVC (WEB API, RM-LP100)					Standard, JVC (WEB API, RM-LP100)
General						
LED	Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1		Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1		Power: Blue x 1, Standby: Yellow-green x 1	
Power	DC12V(AC adapter), KY-PZ510/N PoE+(IEEE802.3at standard), KY-PZ400 KY-PZ200/N PoE(IEEE802.3af standard)					DC12V (AC adapter), PoE+
Current consumption	0.95A (AC adapter) 0.25 A (PoE+)		Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE)		Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE)	
Temperature	Operating: 0°C ~ 40°C Storage: -40°C ~ 60°C		Operating: 0°C to 40°C Storage: -20°C to 50°C		Operating: 0°C to 40°C Storage: -20°C to 50°C	
Humidity	Operating: 30% to 80% Storage: Under 85%		Operating: 30% to 80% Storage: Under 85%		Operating: 30% to 80%	
Dimensions (WxHxD)	223.0mm x 166.4 x 163.0mm		142mm x 165mm x 169mm		154mm x 200.7mm x 191mm	
Net Weight	Approx. 2.0 kg		Approx. 1.7kg		Approx. 1.5kg	



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