

PTZ General Catalog





A New Line of IP-Controlled PTZ Cameras provide Optimal Quality in Streaming and Remote Production over the Internet

CONNECTED CAMTM

Wide angle, NDI[®] |HX, SRT, VITC provide optimal streaming image quality and performance for Remote Production over the Internet.

House of Worship



Wide Field of View

Super-wide horizontal angle of view is 80° which is ideal for use in houses of worship, sports, and event venues.

KY-PZ510N series	د۲
KY-PZ400N series	4

Supports various protocols

Supports industry standard control protocols such as NDI[®], Pelco, and JVC API, as well as SRT for streaming distribution.

KY-PZ510/N series	3
KY-PZ400N series	.4
KY-PZ200/N series	4

Classrooms



SMART Auto Tracking

SMART (Subject Movement And Recognition Tracking) technology enables the camera to recognize and follow a specific person even within a small group in the frame.

	C .	-
KY-P/510/N	Series	 1
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Studios



4K60p50p IP Streaming

4K 60p50p output capability for both IP streaming and HDMI, ideal for live productions, sporting events, and broadcasts.

KY-PZ510/N series	3
KY-PZ400N series4	(up to 4K30p25p)

HDMI output supports YUV 4:2:2 12bit and RGB 4:4:4 8bit. KY-PZ510/N series

Sports Venues



30x Power Zoom	
KY-PZ200/N series	.3 (up to 20x)
KY-PZ100 series	4

Multi-Camera Synchronization with VITC and NTP

Synchronization of live video streams is ideal for the mixing and streaming of concerts, shows, and sporting events.

KY-PZ510/N series
KY-PZ400N series4
KY-PZ200/N series4

offices



Κ

Provides Webcam function via USB connection.

(Y-PZ510/N	series	 	 	
(Y-PZ200/N	series	 	 	

Zero Config

Enables automatic camera detection for easy connection and set-up with JVC Live Production and Streaming Systems (KM-IP Series).

.....3<u>.</u>4

KY-PZ400N series	4
KY-PZ200/N series	1

4K PTZ REMOTE CAMERA (NDI®|HX) KY-PZ510NW/NB

4K PTZ REMOTE CAMERA KY-PZ510W/B

SRT

4K 60p50p H.265/HEVC streaming, NDI® 5, SRT, and advanced auto tracking provides optimal image quality and performance for remote production over the internet.

4K





BESTOF SHOW

Focal Length is 3.47mm to 41.7mm (21.8 mm to 261.8 mm, 35mm equivalent). Super-wide horizontal angle of view is 80°

60



which is ideal for use in offices, classrooms, studios, event facilities, sports venues and houses of worship.

YUV 4:2:2 12bit

HDMI output supports YUV 4:2:2 12bit and RGB 4:4:4 8bit. *Some switchers may not support the above signals.

4K 60p50p Streaming to YouTube

You can stream 4K(2160p60) from KY-PZ510/N to YouTube.

4K60p H.265/HEVC Streaming



Ultra-high resolution 4K60p streaming is ideal for viewing sports and events. Highly efficient H.265/HEVC compression technology also produces similar or

better image quality than H.264 at 50% of the bitrate.

SMART Auto Tracking

SMART (Subject Movement And Recognition Tracking)

technology enables the camera to recognize and follow a specific person even within a small group in the frame. The target subject can be selected using the included remote control.



NDI® 5



KY-PZ510N (Built-in NDI[®]|HX) support NDI[®]5. NDI[®]5 support Reliable UDP (RUDP) transmission protocol.

RUDP ensure reliability through retransmission with high-speed communication, such as UDP.

UVC (USB Video Class)

Multi-Camera Synchronization with VITC and NTP

Save Setup Files

H.265/ HEVC

You can save the menu settings as a setup file on a PC.

Multi-Slice Encoding Technology

Multi-slice encoding technology increases performance and efficiency while reducing latency to achieve optimal image quality of live transmissions in 4K60p HEVC mode.



Still Image Capture

Up to four still images can be recorded internally. This is useful for storing the image from the camera's current location or recalling its previous field of view.

H.264/H.265/Motion JPEG and Dual Streaming

2-Color Tally Useful for Studio Shooting

IP Address Display

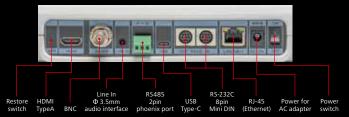
Display of the IP address in front of the camera for easy identification and confirmation.



Internal Microphone

A built-in microphone is for convenient conferencing, meeting.

Rear Panel



4K PTZ REMOTE CAMERA (NDI®|HX) KY-PZ400NW/NB



4K 1/2.5-inch CMOS Image Sensor

The KY-PZ400N is equipped with a 4K 1/2.5" CMOS image sensor with 8.51M effective pixels. The KY-PZ200N/PZ200 is equipped with an HD 1/2.8" CMOS image sensor with 2.07M effective pixels.

Powerful Optical Zoom: KY-PZ200N/KY-PZ200



A performer's technique can be captured clearly, even in a large hall.

HEVC



Optical Zoom 12x f= 4.4mm - 52.8mm Approx. 26.4mm – 316.8mm (35mm equivalent) Digital zoom: 16x



Optical Zoom 20x f= 4.4mm - 88.5mm Approx. 30.2mm – 606.9mm (35mm equivalent) Digital zoom: 16x

Quality Streaming with NDI[®] and SRT

For reliable, stable streaming, all models feature various QoS capabilities.



NDI[®]|HX is a high quality, low latency IP video transmission standard pioneered by NewTek.



SRT advanced streaming uses automatic repeat request (ARQ) and forward error correction (FEC) to prevent packet loss typical for internet connections. SRT also offers stream

encryption for content protection.

Still Image Capture

Up to four still images can be recorded internally. This is useful for storing the image from the camera's current location or recalling its previous field of view.

HD PTZ REMOTE CAMERA (NDI®|HX) KY-PZ200NW/NB





HD PTZ REMOTE CAMERA KY-PZ200W/B

NDIHX

H.265/ HEVC

Wide Horizontal Angle of View: 71

SRT

KY-PZ400N

Wide horizontal angle is good for use in offices, classrooms, studios, and houses of worship.



H.264/H.265/Motion JPEG and

In addition to H.264, a video codec widely used in PCs, smartphones, or tablets, H.265 is also supported. Moreover, the dual streaming capability enables workflows such as editing videos with low load using lowresolution substreams and simultaneously generating edited videos with high-resolution mainstreams.

2-Color Tally Useful for Studio Shooting



A tally LED is available on top of the lens mount. It lights in either red or green depending on the mode, allowing

you to easily check the program status or standby mode even while camera is panning.

UVC (USB Video Class) Support for bcam Usage KY-PZ200N/KY-PZ200



USB 3.0 with UVC Support

Using an optional USB cable, you can connect the KY-PZ200N/KY-PZ200 directly to a PC and use it as a webcam. This allows for web conferencing and remote lectures with high quality, high magnification images.



HD PTZ REMOTE CAMERA

Your IP-Controlled HD Video Streaming and Delivery Solution



Wide Horizontal Angle of View: 63.7° Powerful Optical Zoom: 30x



Equipped with 30x optical zoom, the KY-PZ100 is capable of capturing distant subjects. Even in a grand hall or auditorium, the speaker's expressions and handwriting on a board will be clearly captured. 12x digital zoom is also available.



Super Fast Pan/Tilt of max. 480°/sec*.

With maximum 480°/sec*. movement offers the scene transition sharply. *In case with AC adapter. 400°/sec. with PoE+.

■ Super Slow Pan/Tilt of min. 0.1°/sec.

Extremely slow movement of 0.1°/sec. offers a good look at the scene even at high zoom rates.

0.02 lx of Minimum Illumination for Precise Color Reproduction

In High-Sensitivity mode, minimum illumination is 0.02 lx. Superior color reproduction is ensured even at low light. The Night Mode is also available for even darker environments (0.003 lx of minimum illumination).



Normal color reproduction



High Sensitivity mode

Direct Drive Mechanism for Accurate and Quiet Pan/Tilt

The KY-PZ100 incorporates JVC's Direct Drive Motor that offers precise, highly responsive pan/tilt and silent movement compare to the normal stepping motor mechanism.

Operating noise of Direct Drive is approx. 20% lower than normal stepping motor system, which is especially suitable for the usage of classic concert, church and so on.



High Accuracy of +/-0.03° for Preset Positions

Adjusts to preset positions with high accuracy, offset less than 0.03°. Maintains precise shooting positions even at high magnification with virtually no deviation.

Simultaneous Output of 3G-SDI and HDMI in addition to IP

microSDHC/microSDXC Card Recording and File Upload Capability

The KY-PZ100 features a built-in digital recorder that records HD from 5Mbps to 50Mbps directly to microSDHC/microSDXC card. Recordings can be uploaded from the camera to an external server.



Comparison

		KY-PZ510N	KY-PZ510	KY-PZ400N	KY-PZ200N	KY-PZ200	KY-PZ100
C	amera						
	Resolution	3840x2160) 60p50p	3840x2160 30p25p	1920x108	0 60p50P	1920x1080 60p50P
	Horizontal Angle	80	0	71°	60.	7°	63.7°
	Optical Zoom	12	x	12x	20	x	30x
	Unique Feature	 Smart Auto Tracki IP Address Display Internal Micropho 	/				Direct Drive Mechanism Recording (microSDHC,SDXC card)
N	etwork						
	IP Steraming	3840x2160) 60p50p	3840x2160 30p25p	1920x108	0 60p50P	1920x1080 60p50P
	NDI®	NDI [®] 5 (KY-PZ510N	built in NDI® HX)	NDI [®] 4.x (KY-PZ400N built in NDI [®] HX)	NDI [®] 4.x (KY-PZ200	N built in NDI® HX)	
	SRT	Caller/Listener	/Rendezvous	\checkmark			
	UVC	3840x2160) 30p25p	Caller/L	istener 1920x108	0 30p25p	
	Multi-Camera Synchronization	\checkmark		\checkmark	✓	/	

Remote Camera Controller



This advanced controller connects to your network and provides complete IP control of multiple cameras on your network and over the Internet. Touch panel and control lever operation give you total control. Operate up to a hundred cameras from the controller.

- 7" touch-panel LCD for PTZ and CCU functions
- Professional zoom lever for smooth, variable speed zoom control
- Heavy duty control lever for precise pan/tilt control
- Focus dial with push-auto function
- User assignable function keys
- IP control of up to 100 cameras
- Tally Input/Output (D-Sub)



Peripheral devices and Partners

Haivision Makito X4 4K and HDR Video Decoder	Haivision Play 2000 4K Set-Top Box	Pro Convert Decoder Family (NDI® included)
Contraction of the second		
HAIVISION	HAIVISION	WVCEMELL
V-160HD	Live Streaming Production Suite	Extron control panels
Streaming Video Switcher	KM-IP6000 KM-IP4100 KM-IP4000/S* *for Americas market	
Roland	ProHD	Extron _®
Roland MGW ACE Decoder 4K HEVC, H.264 & MPEG-2 Decoder	ProHD BR-DE900 ProHD HD/SD Decoder	Extron. IDS - 4RU Control Panel
MGW ACE Decoder	BR-DE900	
MGW ACE Decoder	BR-DE900	

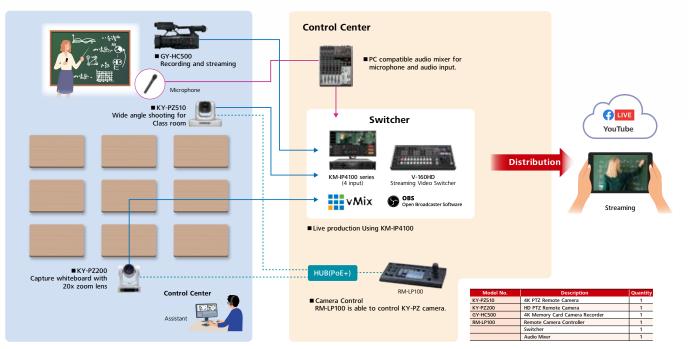
*We do not guarantee our prodoucts will work with all functions of peripheral devices. Some functions may not be available depending on the device and settings.

System configuration example

Live classroom streaming system with 3x cameras and microphone. Capture whiteboards and classroom and deliver them to Students.

Purpose : Live Streaming the classesAudio : 1 x Microphone for instructor speech

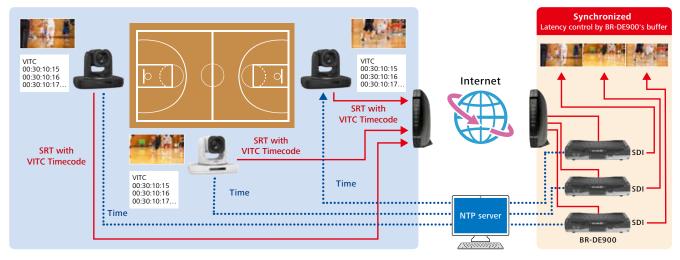
Camera : 1 x for shooting whiteboard, 1 x for classroom, 1 x for recording and streaming
 Distribution : The assistant will operate the switcher and stream video to YouTube, etc.



Multi-Camera Synchronization with VITC and NTP

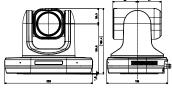
KY-PZ510/N, KY-PZ400N, KY-PZ200/N series

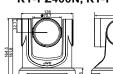
Multi-camera synchronization of live video streams is made possible with the VITC (Vertical Interval Time Code) and NTP (Network Time Protocol) used in 1920x1080 60p50p mode. This feature is ideal for the mixing and streaming of concerts, shows, and sporting events where image synchronization is critical.

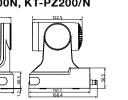


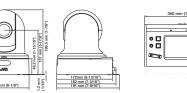
General Specification

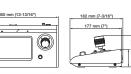
	KY-PZ510N KY-PZ510	KY-PZ400N	KY-PZ200N KY-PZ200	KY-PZ100	
amera					
ensor	1/2.8 inch CMOS, effective pixels: 8.40M	1/2.5 inch CMOS, effective pixels: 8.51M	1/2.8 inch, CMOS, effective pixels: 2.07M	1/2.8 inch, CMOS, effective pixels: 2.13N	
ens	F1.8 to F3.7, f = 3.4 to 41.6mm 35mm equivalent (approx.): 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	F1.6 to F4.7 f=4.3 to 129mm 35mm equivalent (approx.): 30.5 to 915 mm	
ptical Zoom	12x	12x	20x	30x	
gital Zoom	16x	16x	16x	12x	
inimal Illumination	0.5lx @ (F1.8, AGC ON)	0.5lx @ (F1.		High sensitive mode ON: 0.02 lx	
ain	0 dB to 45 dB	0 dB to		0 dB to 48 dB	
utter	[60]	Hz] 1/30s ~ 1/10000s [50Hz] 1/25s ~ 1/10	000	1/6(E model) or 1/8(U model) to 1/1000	
hite Balance	Having state 000 to 00	Auto, Indoor, Outdoor, One Push, Manual		FAW, AWB, AWB Paint, Indoor, Outdoor, Man	
ngle of View	Horizontal: 80° to 8° Horizontal ±162.5 °, Vertical -30° to +90°	Horizontal: 71° to 8.2°	Horizontal: 60.7° to 3.36°	Horizontal: 63.7° to 2.3°	
otation Range	PAN: 1.8°/s to 80.5°/s,	Horizontal ±170 °, \		Horizontal ±175 °, Vertical -30°to +90° PAN: 0.1°/s to 480°/s (AC adapter)	
in Tilt Speed	TILT: 1.5°/s to 49°/s	PAN: 1.7°/s to 100°/s,	TILT: 1.7°/s to 69.9°/s	TILT: 0.1°/s to 300°/s (AC adapter)	
lage	H/V	/ flip, Image freeze, H/V auto inverting funct	ion	H/V flip, Image freeze	
eset Accuracy		Number of preset: 255, Preset accuracy: 0.1°		Number of presets: 100	
put / Output In	terfaces			Preset accuracy: 0.03°	
	TYPE A, Max 3840x2160 60p50p				
OMI Output	YUV4:2:2 12bit RGB4:4:4 8bit	TYPE A, Max 3840x2160 30p25p	TYPE A, Max 1920x1080 60p50p	TYPE A, Max 1920x1080 60p50p	
G-SDI Output	BNC type (3G-5	SDI), Embedded audio Video: SMPTE 424M, S	SMPTE 292M Audio: SMPTE 299M, Max 1920	0x1080 60p50p	
etwork Interface(LAN)		RJ45: 10BASE-T/100B	ASE-TX/1000BASE-T		
	Φ3.5mm mini jack x1	Φ3.5mm mini jack	x1	Φ3.5mm mini jack x1	
udio Interface	LINE IN :Unbalanced Stereo	LINE IN : Unbala	nced Stereo	LINE IN: Balanced Mono / Unbalaced Ster MIC IN: Balanced Monaural	
	Internal Microphone	LINE OUT : Unba	lanced Stereo	MIC IN: Unbalanced stereo plug-in power 2.	
CD	C type for UVC, Host mode is not supported,	A type for maintenance	A type for maintenance	A Type LIOCT v 1 fer Network Connection	
SB	UAC UVC 1.1 to 1.5,		B type USB3.0 for UVC 1.1 to 1.5,	A Type HOST x 1 for Network Connection	
ommunication	RS232 IN	I: 8-pin mini DIN, Protocols: Standard/Pelco- T: 8-pin mini DIN, Protocols: Use only Standa	D/Pelco-P	RS232 IN: 8-pin mini DIN RS232 OUT: 8-pin mini DIN RS422: Serial Control (RJ-45)	
terface	RS232 OU RS485: 2	1: 8-pin mini DIN, Protocols: Use only Standa -pin Phoenix port Protocols: Standard/Pelco-	D/Pelco-P		
etwork		P			
deo Compression		H.265/HEVC, H.264, MotionJPEG		H.264	
ideo Stream		40x2160 (KY-PZ510/N,KY-PZ400N) 1920x10		Main Stream	
		Resolution: 320x240 to 720x480, Frame Rate			
TC	VITC	VITC	VITC	LTC	
reaming Protocol .vi	ideo Compression / Protocol / Resolution / M	SRT	*Streaming quality depends on network		
	3840x2160 60p50p 60Mbps with VITC	1920x1080 60p50p 60Mbps with VITC	1920x1080 60p50p 60Mbps with VITC		
	3840x2160 30p25p 60Mbps with VITC				
H.265/HEVC	NDI [®] 5 (KY-PZ510N built in NDI® HX) 3840x2160 60p50p 60Mbps	NDI [®] 4.x (KY-PZ400N built in NDI® HX) 1920x1080 60p50p 60Mbps	NDI [®] 4.x (KY-PZ200N built in NDI [®] HX) 1920x1080 60p50p 60Mbps		
	3840x2160 30p25p 60Mbps				
	RTSP/RTP 3840x2160 60p50p 60Mbps with VITC	RTSP/RTP 3840x2160 30p25p 60Mbps	RTSP/RTP 1920x1080 60p50p 60Mbps with VITC		
	3840x2160 30p25p 60Mbps with VITC				
	SRT	SRT	SRT		
	3840x2160 60p50p 60Mbps with VITC	3840x2160 30p25p 60Mbps with VITC	1920x1080 60p50p 60Mbps with VITC		
	NDI [®] 5 (KY-PZ510N built in NDI® HX) 3840x2160 60p50p 60Mbps	NDI [®] 4.x (KY-PZ400N built in NDI® HX) 3840x2160 30p25p 60Mbps	NDI [®] 4.x (KY-PZ200N built in NDI [®] HX) 1920x1080 60p50p 60Mbps	RTSP/RTP	
H.264	RTSP/RTP	RTSP/RTP	RTSP/RTP	1920x1080 60p50p	
11.204	3840x2160 60p50p 60Mbps with VITC RTMP, RTMPS	3840x2160 30p25p 60Mbps with VITC RTMP, RTMPS	1920x1080 60p50p 60Mbps with VITC RTMP, RTMPS	RTMP, RTMPS	
	3840x2160 60p50p 60Mbps	3840x2160 30p25p 60Mbps	1920x1080 60p50p 60Mbps	1920x1080 60p50p	
	UVC		UVC		
			1920x1080 30p25p		
	3840x2160 30p25p				
Mation IDEC	3840x2160 30p25p RTSP/RTP	RTSP/RTP	RTSP/RTP		
Motion JPEG	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC	RTSP/RTP 1920x1080 60p50p	RTSP/RTP 1920x1080 60p50p 60Mbps UVC		
	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p		RTSP/RTP 1920x1080 60p50p 60Mbps	MDEC2 TS/I IND MDEC2 TS/DTD 7W	
Others	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP	1920x1080 60p50p	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p	MPEG2 TS/UDP, MPEG2 TS/RTP, Zixi	
Others emote Protocol	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP		RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p	MPEG2 TS/UDP, MPEG2 TS/RTP, Zixi Standard, JVC (WEB API, RM-LP100)	
Others emote Protocol eneral	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1	1920x1080 60p50p 2400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p	Standard, JVC (WEB API, RM-LP100)	
Others emote Protocol eneral	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1	
Others emote Protocol eneral ED ower	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1 DC12V(AC adapter) , KY-PZ510/N I	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standbard) , KY-PZ400 KY-F	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 *2200/N PoE(IEEE802.3af standard)	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+	
Others emote Protocol eneral ED ower	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front : Blue x1 DC12V(AC adapter), KY-PZ510/N 1 0.95A A (AC adapter)	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standard) , KY-PZ400 KY-F Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE)	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 7200/N PoE(IEEE802.3af standard) Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE)	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+ 1.2 A (AC adapter) 0.4 A (PoE+) 0.4 A (PoE+)	
Others emote Protocol eneral ED ower urrent consumption	3840x2160 30p25p RT5P/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1 DC12V(AC adapter) , KY-PZ510/N I 0.95A A (AC adapter) 0.25 A (POE+) Operating: 0°C~ 40°C	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standard) , KY-PZ400 KY-F Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE) Operationg:	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 2200/N PoE(IEEE802.3af standard) Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE) 0°C to 40°C	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+ 1.2 A (AC adapter) 0.4 A (PoE+) Operationg: 0°C to 40°C	
Others emote Protocol eneral ED ower urrent consumption emperature	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1 DC12V(AC adapter) , KY-PZ510/N I 0.95A A (AC adapter) 0.25 A (PoE+) Operating: 0°C~ 40°C Storage: ~40°C~ 60°C	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standard), KY-PZ400 KY-F Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE) Operationg: Storage: -20	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 22200/N PoE(IEEE802.3af standard) Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE) 0°C to 40°C °C to 50°C	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+ 1.2 A (AC adapter) 0.4 A (PoE+) Operationg: 0°C to 40°C Storage: -20°C to 50°C	
Others emote Protocol eneral ED ower urrent consumption emperature umidiy	3840x2160 30p25p RT5P/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1 DC12V(AC adapter) , KY-PZ510/N I 0.95A A (AC adapter) 0.25 A (POE+) Operating: 0°C~ 40°C	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standard) , KY-PZ400 KY-F Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE) Operationg: Storage: 2 Operating: 3 Storage: 0	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 2200/N PoE(IEEE802.3af standard) Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE) 0°C to 40°C 0°C to 50°C 30% to 80%	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+ 1.2 A (AC adapter) 0.4 A (PoE+) Operationg: 0°C to 40°C	
	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1 DC12V(AC adapter), KY-PZ510/N 1 0.25 A (AC adapter) 0.25 A (POE+) Operating: 0°C~ 40°C Storage: -40°C~ 60°C Operating: 30% to 80%	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standbrd), KY-PZ400 KY-F Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE) Operating: Storage: -20 Operating:	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 2200/N PoE(IEEE802.3af standard) Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE) 0°C to 40°C 9°C to 50°C 10% to 80% mdr x 169mm	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+ 1.2 A (AC adapter) 0.4 A (PoE+) Operationg: 0°C to 40°C Storage: -20°C to 50°C	
Others emote Protocol eneral ED ower urrent consumption emperature umidiy	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1 DC12V(AC adapter) , KY-PZ510/N I 0.25 A (POE+) 0.25 A (POE+) 0.25 A (POE+) 0.25 at (POC + Storage: -40°C Storage: Under 85%	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standard) , KY-PZ400 KY-F Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE) Operationg: Storage: 2 Operating: 3 Storage: 0	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 2200/N PoE(IEEE802.3af standard) Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE) 0°C to 40°C 0°C to 50°C 30% to 80%	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+ 1.2 A (AC adapter) 0.4 A (PoE+) Operationg: 0°C to 40°C Storage: -20°C to 50°C Operating: 30% to 80%	
Others emote Protocol eneral ED ower urrent consumption emperature umidiy mensions (WxHxD)	3840x2160 30p25p RTSP/RTP 1920x1080 60p50p UVC 3840x2160 30p25p MPEG2-TS/RTP, MPEG2-TS/UDP NDI®(KY-PZ510N,KY-P Tally in top of lens : Green x1, Red x 1 Power in front :Blue x1 DC12V(AC adapter) , KY-PZ510/N 1 0.25 A (AC adapter) 0.25 A (AC adapter) 0.25 A (POE+) Operating: 0°C~ 40°C Storage: -40°C~ 60°C Operating: 30% to 80% Storage: Under 85% 223.0mm x 166.4 x 163.0mm Approx. 2.0 kg	1920x1080 60p50p Z400N,KY-PZ200N), Standard, Pelco, JVC Tally in top of lens : Green x1, Red x 1 Power: Blue x 1, Standby: Yellow-green x 1 PoE+(IEEE802.3at standard) , KY-PZ400 KY-F Approx. 0.62A (AC Adapter) Approx. 0.18A (PoE) Operationg: Storage: 20 Operating: 3 Storage: 0 142mm x 165	RTSP/RTP 1920x1080 60p50p 60Mbps UVC 1920x1080 30p25p (WEB API, RM-LP100) Power: Blue x 1, Standby: Yellow-green x 1 2200/N PoE(IEEE802.3af standard) Approx. 0.65A (AC Adapter) Approx. 0.19A (PoE) 0°C to 40°C 9°C to 50°C 10% to 80% mdr x 169mm	Standard, JVC (WEB API, RM-LP100) Tally: Red x 1 DC12V (AC adapter), PoE+ 1.2 A (AC adapter) 0.4 A (PoE+) Operationg: 0°C to 40°C Storage: -20°C to 50°C Operating: 30% to 80% 154mm x 200.7mm x 191mm	











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