



INNOVATIVE
HIGH DEFINITION SURVEILLANCE



KNC-SPDNI120

IP PTZ Camera

www.ktncusa.com

- 1/2.8" SONY Exmor CMOS
- 2.1Megapixel
- Min. Illumination of 0.1 Lux
- 12x Optical Zoom Lens
- True Day & Night with ICR Mechanism
- IP66 (Weather Resistant)
- AV 24V Power

IP

HDTV / Megapixel

Network Cameras

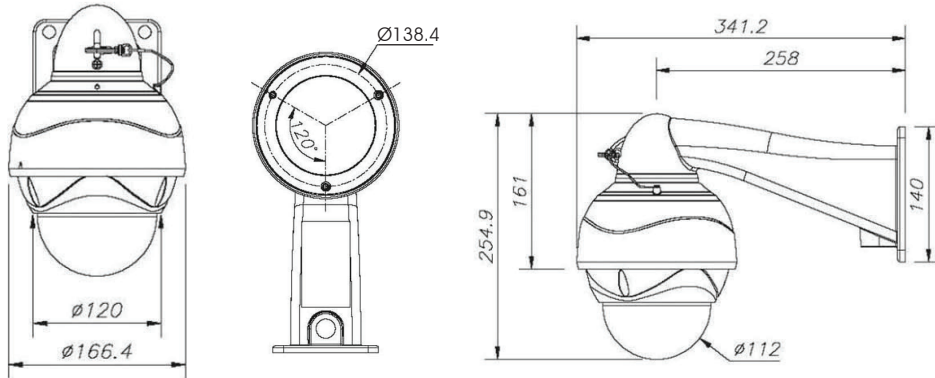
IP

HDTV / Megapixel
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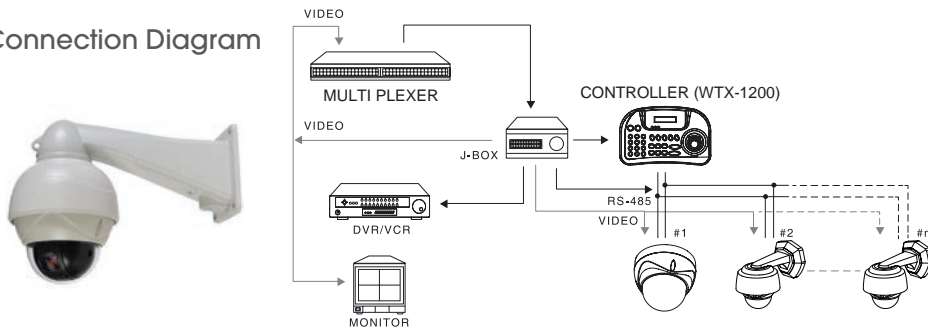
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General Feature Diagram Unit: (mm)



Connection Diagram



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IP PTZ Camera



Technical Specification

Camera	Image Sensor	3.27 Megapixel, 1/2.8" SONY Exmor CMOS			
	Total Pixels (H x V)	2144 x 1588			
	Day & Night	True Day & Night with ICR Mechanism			
	Min. Illumination	0.1 Lux / F2.0			
	Shutter Speed	1/30 ~ 1/10,000			
Lens	Lens	12x Optical / 10x Digital Zoom (f=5 ~ 60mm)			
	Lens Type	12x Optical Zoom Lens			
Video	Maximum Resolution	H.264	1920 x 1080 (16:9)	MJPEG	1280 x 720 (16:9)
	Frame Rate	H.264	30fps	MJPEG	30fps
	Compression	H.264		MJPEG	
	Streaming	Dual-Stream at different frame rate and bandwidth			
	Digital Slow Shutter	2X ~ 64X			
Audio	Image Settings	Brightness, Contrast, Saturation, Sharpness, White balance, Exposure control, Image rotation, Text and image overlay, Privacy masking, BLC			
	Streaming	Two-way, full duplex			
	Compression	G.711, G.726			
	Input / Output	External Microphone or Line Input / Line Output			
	Network	LAN	Ethernet 10/100 Base-T (RJ-45 Type)		
Security		Multiple user access levels with password protection, HTTPS (SSL)			
Protocol		IPv4, HTTP, TCP, RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, ICMP, DHCP, ARP, DNS, DDNS, HTTPS, UPnP			
XXX Compliant		Yes			
Interface		OS	Windows XP, Vista, 7	Browser	Internet Explorer
Intelligent Video	Video Motion Detection	Yes			
Alarm and Event	Alarm Triggers	Intelligent video, external inputs, manual triggers, network fail, reboot			
	Alarm Events	JPEG image upload via FTP & Email, notification via E-mail, external output activation			
General	Processors	CPU: ARM 926EJ-S			
	Memory	RAM: 128 MB, Flash: 64 MB			
	Power	PoE class 4 (IEEE 802.3at Type2) AC24V 38.5W (Heater on)			
	Interface	Analog Composite Output			
		Power (AC24V) Input			
		Sensor Input x 1 / Alarm Output x 1			
			Audio Input x 1 / Audio Output x 1		
			RS485, Status LED		
IP Rating	IP66 (Weather Resistant)				
Operating Temperature	-40°F ~ 122°F (-40°C ~ 50°C)				
Dimension	Bubble ($\phi 4.4$), $\phi 6.5 \times 13.4 \times 10$ inch (Bubble ($\phi 112$), $\phi 166 \times 341 \times 255$ mm)				
Weight	7.7 lbs (3500 g)				