

Mobile & Fixed IP Camera Specifications



Function Overview (Page 1 of 2)

S31IP

W21IP

MX12IP

TI252IP

TX242IP

TW202IP

		S31IP	W21IP	MX12IP	TI252IP	TX242IP	TW202IP
Video	Image Sensor	Sony IMX238 1/3" CMOS	Sony IMX238 1/3" CMOS	1/2.8" Sony IMX222	2 MP 1/2.9" CMOS	2 MP 1/2.8" CMOS	2 MP 1/2.8" CMOS
	Processor Minimum Illumination	Sony 0.05LUX/F1.8 (Color),	Sony 0.05LUX/F1.2 (Color),	Sony Color 0.01/Black and white 0.01 Lux@F1.2	0.1Lux(Color Illumination) , F1.2	0.05Lux(Color Illumination) , F1.2	0.05Lux(Color Illumination) , F1.2
	Resolution Sync Day / Night S/N Ratio Electronic Shutter Wide Dynamic Range	1280(H) x 720(V) 50/60 Hz IR-CUT <8m ≥40db 1/30 to 1/10,000 Second Yes - Wide Dynamic Range ≥80db	1280(H) x 720(V) 50/60 Hz IR-CUT <8m ≥40db 1/25 to 1/10000 Second Yes - Wide Dynamic Range ≥80db	1080p (1920 x 1080) >650 TVL up to 50db (AGC off) 1/25 to 1/30,720	1920 x 1080 / 1280 x 720 / 640 x 360 / 704 x 567 / 640 x 360 / 320 x 180 ≥45db 1/30 Second -1/10000 Second Yes - Wide Dynamic Range ≥80db	1920 x 1080 / 1280 x 720 / 640 x 360 / 704 x 567 / 640 x 360 / 320 x 180 ≥48db 1/30 Second -1/10000 Second Yes - Wide Dynamic Range ≥80db	1920 x 1080 / 1280 x 720 / 640 x 360 / 704 x 567 / 640 x 360 / 320 x 180 ≥48db 1/30 Second -1/10000 Second Yes - Wide Dynamic Range ≥80db
	Image Frame Video Compression Compression Output Rate Image Resolution	1280x720 Up to 30 fps H.264 768Kbs - 7Mbps Main: 720p @ 30fps; Network Sub : VGA @25fps Record Sub: VGA@30fps	1280x720 Up to 30 fps H.264 768Kbs - 7Mbps Main: 720p @ 30fps; Network Sub : VGA @25fps Record Sub: VGA@30fps	1920 x 1080 Up to 25 fps H.264 0.1Mbps to 8 Mbps Main: 1920 x 1080; Sub : 720 x 576 / 352 x 288	1920 x 1080 Up to 30 fps H.264 512Kbps to 8 Mbps Main Stream: 1920 x 1080 / 1280 x 720 / 640 x 360 Sub Stream: VGA/WD1/D1/QVGA/CI/CF@30FPS	1920 x 1080 Up to 30 fps H.264 512Kbps to 8 Mbps Main Stream: 1920 x 1080 / 1280 x 720 / 640 x 360 Sub Stream: VGA/WD1/D1/QVGA/CI/CF@30FPS	1920 x 1080 Up to 30 fps H.264 512Kbps to 8 Mbps Main Stream: 1920 x 1080 / 1280 x 720 / 640 x 360 Sub Stream: VGA/WD1/D1/QVGA/CI/CF@30FPS
	Audio Compression Std CBR/VBR	ADPCM Supported	No audio Supported				
Network	Network Port	RJ45 Female 10M/100M x 1	RJ45 Female 10M/100M x 1	RJ45 Female 10M/100M x 1	RJ45 Female 10M/100M x 1	RJ45 Female 10M/100M x 1	RJ45 Female 10M/100M x 1
	Network Protocol	HTTP, TCP, ARP, RTSP, UDP, RTP, SMTP, DHCP, DNS, DDNS, PPPoE, IPV4, UPnP, NTP	HTTP, TCP, ARP, RTSP, UDP, RTP, SMTP, DHCP, DNS, DDNS, PPPoE, IPV4, UPnP, NTP	HTTP, RTSP, RTP, SMTP, DHCP, DNS, DDNS, PPPoE	HTTP, DDNS, DHCP, PPPoE, RTSP, RTP, RTCP	HTTP, DDNS, DHCP, PPPoE, RTSP, RTP, RTCP	HTTP, DDNS, DHCP, PPPoE, RTSP, RTP, RTCP
	Configuration	Built-In WEB server	Built-In WEB server				
Audio	Audio	Yes - Integrated mic and line driver	No Audio	Integrated Mic with noise suppression or external audio input	Integrated Mic with Noise Suppression or External Line Level	No Integrated Microphone	Integrated Mic with Noise Suppression or External Line Level
IR	IR	12 LEDs (850nm) with integrated on/off sensor	12 LEDs (850nm) with integrated on/off sensor				
Housing	Package	Gatekeeper's S3 camera housing	Gatekeeper's W2 camera housing	Gatekeeper's MX camera housing	Gatekeeper TI camera housing	Gatekeeper TX camera housing	Gatekeeper TW camera housing
Lenses	Available Lenses	2.8mm, 4.0mm, 6.0mm, and 8.0mm	2.8mm, 4.0mm, 6.0mm, and 8.0mm	3.6mm, 6.0mm, 8.0mm and 12.0mm	2.6mm, 2.8mm, 4mm, M12 Fixed aperture F1.8	4mm, 8mm M12 Fixed aperture	2.8mm, 4mm, 8mm M12 Fixed aperture F1.8
	Aperture	Fixed Aperture F1.8	Fixed Aperture F1.8				
Power	Voltage	POE12 (DC12V Nominal)	POE12 (DC12V Nominal)	POE12 (DC12V Nominal)	POE - 12v nominal	POE - 12v nominal	POE - 12v nominal
	Consumption	<2W day <4W Night	<2W day <4W Night	<2.5W	≤ 2.W (Day) ≤3.5W (Night)	≤ 2.5W	≤ 2.5W
Physical	Dimensions	3" high x 3.5" base diameter (8cm x 9cm)	2.3" high x 4.3" base diameter (6cm x 11cm)	2.625" L (6.67 cm) x 2.375" W (6.03 cm) x 2.375" H (6.03 cm)	4.0" (L) x 3.8" (H) x 2.1" (W) 101.5mm(L)*96mm(W)*52.6mm(H) IP65	4.3" (L) x 3.8" (H) x 2.2" (W) 109mm(L)*95.3mm(H)*55.4mm(W) IP69K	4.8" (L) x 3.0" (H) x 1.5" (W) 121.6mm(L)*75mm(W)*39mm(H) IP53
	Weight	.5 lbs (215 g) IP65	.5 lbs (215 g) IP66	.5 lbs (215 g) IP54			
Environmental	Operating Temperature	-40°F to +158°F (-40°C to +70°C)	-40°F to +158°F (-40°C to +70°C)	-22°F to +122°F (-30°C to +50°C)	-40°F to +158°F, (-40°C to +70°C)	-40°F to +158°F, (-40°C to +70°C)	-40°F to +158°F, (-40°C to +70°C)
	Operating RH	Under 90% non-condensing	Under 90% non-condensing	Under 90% non-condensing	Under 90% non-condensing	Under 90% non-condensing	Under 90% non-condensing

Simple Video Management Solutions

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Product Comparisons CAM-IP-012918