

# GATEKEEPER HIGH-DEF MOBILE VIDEO SYSTEMS

## Mobile & Fixed Camera Specifications



S31IP



D21IP



W21IP



MX12IP

Function Overview (Page 1 of 2)

### IP Cameras

		S31IP	D21IP	W21IP	MX12IP
Video	Image Sensor	Sony IMX238 1/3" CMOS	Sony IMX238 1/3" CMOS	Sony IMX238 1/3" CMOS	1/2.8" Sony IMX222
	Processor Minimum Illumination	Sony 0.05LUX/F1.8 (Color),	Sony 0.05LUX/F1.2 (Color),	Sony 0.05LUX/F1.2 (Color),	Sony Color 0.01/Black and white 0.01 Lux@F1.2 1080p (1920 x 1080) >650TVL
Video	Resolution	1280(H) x 720(V)	1280(H) x 720(V)	1280(H) x 720(V)	
	Sync	50/60 Hz	50/60 Hz	50/60 Hz	
	Day / Night	IR-CUT <8m	IR-CUT <8m	IR-CUT <8m	
	S/N Ratio	≥40db	≥40db	≥40db	up to 50db (AGC off)
	Electronic Shutter	1/30 to 1/10,000 Second	1/30 to 1/10,000 Second	1/25 to 1/10000 Second	1/25 to 1/30,720
	Wide Dynamic Range	Yes - Wide Dynamic Range ≥80db	Yes - Wide Dynamic Range ≥80db	Yes - Wide Dynamic Range ≥80db	Yes - Wide Dynamic Range
	Image Frame	1280x720 Up to 30 fps	1280x720 Up to 30 fps	1280x720 Up to 30 fps	Up to 25 fps H.264
	Video Compression	H.264	H.264	H.264	
	Compression Output Rate	768Kbs - 7Mbps	768Kbs - 7Mbps	768Kbs - 7Mbps	0.1Mbps to 8 Mbps
	Image Resolution	Main: 720p @ 30fps; Network Sub : VGA @25fps Record Sub: VGA@30fps	Main: 720p @ 30fps; Network Sub : VGA @25fps Record Sub: VGA@30fps	Main: 720p @ 30fps; Network Sub : VGA @25fps Record Sub: VGA@30fps	Main: 1920 x 1080; Sub : 720 x 576 / 352 x 288
Audio Compression Std CBR/VBR	ADPCM Supported	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
	Network Protocol	HTTP, TCP, ARP, RTSP, UDP, RTCP, SMTP, DHCP, DNS, DDNS, PPPoE, IPV4, UPnP, NTP	HTTP, TCP, ARP, RTSP, UDP, RTCP, SMTP, DHCP, DNS, DDNS, PPPoE, IPV4, UPnP, NTP	HTTP, TCP, ARP, RTSP, UDP, RTCP, SMTP, DHCP, DNS, DDNS, PPPoE, IPV4, UPnP, NTP	HTTP, RTSP, RTCP, SMTP, DHCP, DNS, DDNS, PPPoE
	Configuration	Built-In WEB server	Built-In WEB server	Built-In WEB server	
Audio	Audio	Yes - Integrated mic and line driver	Yes - Integrated mic and line driver	No Audio	Integrated Mic with noise suppression or external audio input
IR	IR	12 LEDs (850nm) with integrated on/off sensor	15 LEDs (850nm) with integrated on/off sensor	12 LEDs (850nm) with integrated on/off sensor	
Housing	Package	Gatekeeper's S3 camera housing	Gatekeeper's D2 camera housing	Gatekeeper's W2 camera housing	Gatekeeper's MX camera housing
Lenses	Available Lenses	2.8mm, 4.0mm, 6.0mm, and 8.0mm	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
	Aperture	Fixed Aperture F1.8	Fixed Aperture F1.8	Fixed Aperture F1.8	
Power	Voltage Consumption	POE12 (DC12V Nominal) <2W day <4W Night	POE12 (DC12V Nominal) <2W day <3.5W Night	POE12 (DC12V Nominal) <2W day <4W Night	POE12 (DC12V Nominal) <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)	2.3" 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)
	Weight	.5 lbs (215 g) IP65	.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)	-40°F to +158°F (-40°C to +70°C)	-22°F to +122°F (-30°C to +50°C)
	Operating RH	Under 90% non-condensing	Under 90% non-condensing	Under 90% non-condensing	Under 90% non-condensing

Safety, Security and Tracking Solutions

GATEKEEPER SYSTEMS INC.

