

Specification

Item	A2 26x	A3 36x
Camera		
Image Sensor	1/4" Sony CCD	
Optical Zoom	26x	36x
Digital Zoom	1~12x variable	
Effective Pixels	NTSC: 480k, PAL: 570k	
Horizontal Resolution	650 TVL	
Scanning System	NTSC / PAL	
Synchronization	Internal / Line Lock	
Video Output	1.0 Vp-p / 75 Ω, BNC	
S/N Ratio	> 50 dB (AGC Off)	
Minimum Illumination	0.1 lux; 0.01 lux (B/W)	
Focal Length	3.4 ~ 88.4 mm	3.4 ~ 122.4 mm
Focus Mode	Auto / Manual	
White Balance	Auto / Manual	
Iris Control	Auto / Manual	
Electronic Shutter	1/1 ~ 1/10k sec.	
AGC Control	Auto / Manual	
Backlight Compensation	On / Off	
Operation		
Pan Travel	360° endless	
Tilt Travel	-10° ~ 190°	
Manual Speed	0.5° ~ 90°/s	
Presets	256	
Preset Accuracy	0.225°	
Preset Speed	5° ~ 400°/s	
Sequence	8	
Auto Pan	4	
Cruise	8	
Privacy Mask	16	
Proportional Pan & Tilt	On / Off (Pan and tilt speed proportional to zoom ratio)	
Resume after Power Loss	Yes	
Home Function	Preset / Sequence / Auto Pan / Cruise	
Auto Flip	Image / Mechanical / Off	
Digital Slow Shutter	On / Off	
Wide Dynamic Range	On / Off	
Day/Night: IR Cut Filter	On / Off	
Image Freeze	On / Off	
Image Inverse	On / Off	
Noise Reduction	On / Off	
Alarm	Input	4 Sets
	Output	2 Sets
Electronic Image Stabilizer	On / Off	
Multiple Languages OSD	English / French / German / Italian / Korean / Simplified Chinese / Russian	
Built-in Protocol	DSCP / Pelco P / Pelco D / AD422 / Philips / Kalatel / VCL / JVC	
Network (Optional)		
Interface	RJ-45, 10/100 Mbps Ethernet	
Video Compression	H.264 / MJPEG	
Video Streaming	Dual Streams H.264 + MJPEG / H.264 + H.264	
Video Resolution	D1: NTSC 720 x 480 / PAL 720 x 576 / CIF: NTSC 352 x 240 / PAL 352 x 288	
Frame Rate	D1- 30 fps	
Audio Compression	G.711 / G.726 ADPCM / AAC	
Audio Streaming	Full-duplex / Half-duplex / Simplex	
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF	
Security	HTTPS / IP Filter / IEEE 802.1x	
Alarm	Input	4 Sets
	Output	2 Sets
Alarm Reaction	Preset / Sequence / Auto Pan / Cruise	
Event Notification	HTTP / FTP / SMTP	
Micro SD	microSDHC 32GB support	
Network Failure Detection	Support	
Internet Browser	Internet Explore (6.0+) / Chrome / Firefox / Safari	
General		
Environment	Indoor / Outdoor	
Operating Temperature	Indoor	0 °C ~ 40 °C (32 °F ~ 104 °F)
	Outdoor	-40 °C ~ 50 °C (-40 °F ~ 122 °F)
Dimension	Indoor	Ø 171.7 x 228.7 mm (Ø 6.7 x 9 inches)
	Outdoor	Ø 191.9 x 382.1 mm (Ø 7.5 x 11.1 inches) w/ Sunshield
Weight	Indoor	1.62 Kg (3.57 lbs)
	Outdoor	2.32 Kg (5.11 lbs)
Power Source	Indoor	DC 12V ± 10% / AC 24V ± 10%
	Outdoor	AC 24V ± 10%
Power Consumption	Indoor	20 W
	Outdoor	65 W (w/ Heater)
Regulatory	CE / FCC / RoHS / IP66 (Outdoor)	