

# AiP-A54A



- Full HD 2.0 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG Four-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- 360° Endless Panning
- 360 degree entire scene from one camera and no mechanical PTZ (Pan, Tilt, Zoom) motor needed.
- Each viewer channel controlled independently.
- Face / Tampering / Motion detection alarm function
- Day&Night (IR Cut Removeable)
- Two-Way Audio
- Digital input x1/Digital output x1
- Support ONVIF Profile S



## Specification

2M-Pixel 360° Panorama Dome IP Camera		
Model		
Lens	Focal Length	1.05 mm
	Minimum Aperture Ratio	F2.8
	Angle Field of View	185°(H), 185°(V), 185°(D)
Image Pick-up Device	1/2.5" CMOS image sensor	
Effective Pixels	2592 (H) x 1944 (V) = 5,038,848 (pixel)	
Active Image Size	5.70mm (H) x 4.28mm (V)	
Scanning System	Progressive Scan	
Day & Night	Auto/Schedule / Day(Color) / Night(B/W)	
Minimum Illumination	0.7 Lux / F2.8 (Low Lux mode)	
White Balance	ATW/Manual/ Outdoor1 / Outdoor2	
Shutter Range	Auto / 1 / 2 / 3	
Auto Gain Control	Auto	
3D noise reduction	OFF / 1 – 32 (Optional)	
2D WDR function	OFF / x1 / x2 / x3 / x4	
Privacy Masking	Off / On (4 zones)	
Image Correction	Bright, Contrast, Color Concentration, Sharp	
Display Mode	Complete Panorama / Wide Panorama / Around Panorama / 4-Screen / Single-Screen	
Live Video Out	CVBS 1.0Vp-p, 75 Ω , BNC Connector	
Audio input/output	Singal Channel, 1.4 Vp-p , 50 KΩ , 3.5mm microphone	
Ambient Operation Temperature	-25°C – +50°C (-13°F – 122°F)	
Dimensions	Ø145 x 60mm	
Weight	600g	
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)	
Power Consumption	DC12V, 8W / PoE, 9.2W	
<b>Network</b>		
Video Compression	H.264 , Motion JPEG	
Resolution	1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)	
Multiple profile	Profile #1	H.264 : up to 1920 x 1080 30FPS , MJPEG : up to 720 x 480 30FPS
	Profile #2	H.264 : up to 1280 x 720 30FPS , MJPEG : up to 352 x 240 30FPS
	Profile #3	H.264 : up to 1920 x 1080 30FPS , MJPEG : up to 1280 x 720 30FPS
	Profile #4	H.264 : up to 720 x 480 30FPS , MJPEG : up to 1920 x 1080 15FPS
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast	
Video Bitrate	128Kbps – 10Mbps	
	Frame rate and bit rate controllable on-the-fly	
	VBR / CBR / GOP supported	
Security	Base64 HTTP encryption	
	Multiple user access levels with password protection	
	IP Address Filter	
	10 user accounts available	
Users Connect	8 simultaneous users	
Digital ePTZ	4-viewer channel controlled independently.	
OSD	Text overlay for date, time, and camera name	
Alarm Function	Motion / tampering / face detection triggering recording into SD card	
CPU and RAM	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory	
Maintenance	Firmware update via HTTP	
Network Interface	10Mbps / 100Mbps Base-T, RJ-45	
PC Requirement	OS : Windows 2000, Windows XP, Windows Vista, Windows 7	
	Browser: Windows Internet Explorer 6, 7, 8	
	CPU : Intel Pentium 4 1.8GH or higher	
	RAM: 1GB or higher, Independent Display Card	
Network Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTP, Telnet, ICMP, IGMP, ONVIF, <b>SNMP V3</b>	
Mobile Phone and PDA	Support iPhone, iPad, and Android	
System Integration	ONVIF & HTTP API	
CMX	AiM HD 2.6 Support	
Video Display	Acumen Universal ActiveX & Acumen Java Applet	
OS	Embedded Linux 2.6.32	
Two-Way Audio	G.711 / PCM	
SD Card Recording	Micro SD / SDHC Card support	

