

Day & Night 3M / 1080P HD Vari-Focal / Fix IR IP Camera

AiP-M34N/M53N

AiP-M34K/M34E

Day & Night 3M / 1080P HD Vari-Focal / Fix IR IP Camera

- True H.264 AVC/MPEG-4 part 10
- H.264 and Motion JPEG triple video streaming
- 3D noise reduction (MCTF) / 2D WDR function
- Audio / Motion detection alarm function
- Cable managed housing and bracket
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable) / Digital zoom supported
- Support Moon Light and Quadruple Streaming technologies / Triple Streaming technologies

AiP-M34N/M53N

AiP-M34K/M34E



IP CAMERA SERIES						
Model	M34N-45N0B		M34K-45N0B	M34E-45N0B	M53N-45N0B	
Lens	Focal Length	2.8~ 10 mm		4.3mm	6mm	2.8~10mm
	Iris	F1.4		F1.6	F1.8	F1.4
	Angle of View	H	95° ~ 35.8°	4.3mm	6mm	95° ~ 35.8°
		V	82.9° ~ 31.9°	70°	49.3°	82.9° ~ 31.9°
	D	128.8° ~ 40.8°	NA	NA	128.8° ~ 40.8°	
Pick Up Element	1/2.8" CMOS image sensor			1/2.5" CMOS image sensor		
Effective Pixels	2096 (H) x 1561 (V) = 3,271,856 (pixel)			1920 (H) x 1080 (V)		
Chip Size	7.96mm (H) x 7.61mm (V)			5.70mm (H) x 4.28mm (V)		
Scanning System	Progressive Scan					
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)					
Min. Illumination	0.015 Lux at F1.4 0 Lux with IR	0.03 Lux at F1.4 / 0 Lux with IR				
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2					
Back Light Compensation	Off / On					
Electronic Shutter	1/30(25)s ~ 1/8000s					
Sense Up	Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames					
Moon Light	Yes					
Auto Gain Control	36 dB Variable Gain					
3D Noise Reduction	Off / 1 ~ 32 Selectable					
2D WDR	Off / x2 / x3 / x4					
Privacy Masking	Off / On (4 zones)					
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip					
Live Video Output	CVBS 1.0Vp-p, 75 ohm, BNC connector					
Audio In / Output	Mono, 1.4 Vp-p, 50 KΩ, Terminal connector					
IP Rating	IP67					
Window	Ø92 Heat Resistant Glass					
IR LED Radiant Distance	40M					
Operating Temperature	-65°C ~ +65°C					
Dimension	Body : 121.5mm(W) x 109mm(H) x 231mm(D) , Bracket : 160mm(L)					
Weight	900g					
Power Supply	DC 12V (±10%) /PoE+ (IEEE 802.3at compliant)					
PoE	10W (PoE+, 11W)					

NETWORK				
Model	M34N-45N0B	M34K-45N0B	M34E-45N0B	M53N-45N0B
Resolution	3MP(2048 x 1536), 1080P(1920 x 1080), 720P(1280 x 720) D1(720 x 480), CIF(352 x 240)			1080P(1920 x 1080) 720P(1280 x 720) D1(720 x 480) CIF(352 x 240)
Maximum Frame Rate	Profile#1	H.264 : up to 30 fps @ 1920 x 1080 MJPEG : up to 30 fps @ 720 x 480		H.264 : up to 30 fps @ 1920 x 1080 MJPEG : up to 30 fps @ 720 x 480
	Profile#2	H.264 : up to 30 fps @ 1280 x 720 MJPEG : up to 30 fps @ 352 x 240		H.264 : up to 30 fps @ 1280 x 720 MJPEG : up to 30 fps @ 352 x 240
	Profile#3	H.264 : up to 30 fps @ 1920 x 1080 MJPEG : up to 30 fps @ 1280 x 720		H.264 : up to 15 fps @ 1920 x 1080 MJPEG : up to 30 fps @ 1280 x 720
	Profile#4	H.264 : up to 30 fps @ 720 x 480 MJPEG : up to 15 fps @ 1920 x 1080		NA
	Profile#5	H.264 : up to 15 fps @ 2048 x 1536		NA
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP			
Video Bitrate	128Kbps ~ 5Mbps			
	Frame rate and bit rate controllable on-the-fly			
	VBR / CBR / GOP supported			
Security	Base64 HTTP encryption			
	Multiple user access levels with password protection			
	10 user accounts available			
Users	8 simultaneous users			
ePTZ & Digital Zoom	Yes, ROI is supported			
OSD	Text overlay for date, time, and camera name			
Alarm Function	Alarm / motion / tampering / face detection triggering		Alarm / motion detection triggering	
	Image upload over FTP and E-mail by face / tampering / audio / motion detection		Image upload over FTP and E-mail by motion detection	
CPU, Memory	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory			
Maintenance	Firmware update via HTTP			
	Firmware available at web site			
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 1.8GHz or above			
	RAM : 1GB or above, Independent Display Card			
Network Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ONVIF			
Mobile Phone and PDA	iPhone, iPad, and Android support			
System Integration	ONVIF & ACUMEN HTTP API			
CMS	AiM HD 2.6 support			
Video Display	ACUMEN Universal ActiveX & ACUMEN Java Applet			
Two-way Audio	G.711 / PCM			
SD Card Recording	Support SD/SDHC card for circular recording (card is not included)			