

Day & Night 1080P HD Vari-Focal Dome IP Camera

AiP-O24N/O53N

Day & Night 1080P HD Vari-Focal Dome IP Camera

- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF) / 2D WDR function / Digital Zoom
- Alarm / motion detection triggering recording into SD card
- Ceiling mount and Embedded mount installation
- Day & Night (IR cut removable)
- 2-way audio supported
- Support Moon Light and Quadruple Streaming / Triple Streaming technologies
- Face / Tampering / Audio / Motion detection alarm function(AiP-O24N)

AiP-O24N/O53N



IP CAMERA SERIES			
Model		O24N-05Y2B	O53N-05Y2B
Lens	Focal Length		2.8~10 mm
	Iris		F1.4
	Angle of View	H	95° ~ 35.8°
		V	82.9° ~ 31.9°
D		128.8° ~ 40.8°	
Pick Up Element		1/2.7" CMOS image sensor	1/2.5" CMOS image sensor
Effective Pixels		1920 (H) x 1080 (V) = 2,073,600 (pixel)	
Chip Size		5.856mm (H) x 3.276mm (V)	5.70mm (H) x 4.28mm (V)
Scanning System		Progressive Scan	
Infrared Cut Filter		Auto / Schedule / Day (Color) / Night (Mono)	
Min. Illumination		0.015Lux at F1.4 (Low Light Mode)	0.03Lux at F1.4 (Low Light Mode)
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 / On	
Privacy Masking		Off / On (4 zones)	
Image Effects		Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip	
Live Video Output		CVBS 1.0Vp-p, 75 ohm, RCA connector	
Audio In / Output		Mono, 1.4 Vp-p, 50 KΩ, 3.5mm phone jack	
Operating Temperature		-30°C ~ +60°C	
Dimension		Φ150 x 134mm	
Weight		600g	
Power Supply		DC12V ±10% / PoE (IEEE 802.3af compliant)	
Power Consumption		DC12V, 6W / PoE, 7.5W	

NETWORK		
Model	O24N-05Y2B	O53N-05Y2B
Resolution	1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)	
Multiple profile	Profile #1	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
	Profile #3	H.264 : up to 30 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
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	Digital Zoom
OSD	Text overlay for date, time, and camera name	
Alarm Function	Alarm / motion / tampering / face detection triggering recording into SD card	Alarm / motion detection triggering recording into SD card
	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	
Network Protocols	RAM : 1GB or above, Independent Display Card	
Mobile Phone and PDA	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ONVIF	
System Integration	iPhone, iPad, and Android support	
CMS	ONVIF & ACUMEN HTTP API	
Video Display	AiM HD 2.6 support	
OS	ACUMEN Universal ActiveX & ACUMEN Java Applet	
Two-way Audio	Embedded Linux 2.6.32	
SD Card Recording	G.711 / PCM	
Alarm Input / Output	Support Micro SD/SDHC card for circular recording (card is not included)	
	Digital 1 input (TTL, +3 ~ 5V) / 1 Output (N.O.)	