

18X Day & Night 2M HD WDR Speed Dome IP Camera (Indoor)

AiP-I34

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- 18X Optical Zoom Lens (4.7~84.6mm) Digital Zoom
- HD 2 megapixel MOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- Wide Dynamic Range / 3D Digital Noise Reduction
- High Light Compensation / Digital Image Stabilizer
- 256x Sens.Up
- Up to 128 Programmable Preset Positions
- 2-way audio supported



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SPEED DOME IP CAMERA SERIES			
	Model	I34-02N2B	I34-03N2B
General	Power Supply	AC24V	AC100~240V
	Power Consumption	15W	
	Image Pick-up Device	Panasonic 1/3" 2Mega-Pixel MOS Sensor	
	Effective Pixels	2096 (H) × 1561(V) = 3,269,760 (pixel)	
	Total number of pixel	2144 (H) × 1588 (V) = 3,404,672(pixel)	
	Scanning System	Progressive Scan	
	Video Output	CVBS 1.0 Vp-p / 75 Ω BNC	
	Minimum Illumination	0.1 Lux at F1.6	
	Ambient Operating Temperature	- 30°C ~ + 60°C	
	Operating Humidity	0% ~ 90%	
	Dimension	Φ 155 mm x 245 mm	
	Weight	2300 g	
	Pan & Tilt	Panning Range	360° Endless
Panning Mode		Manual , Auto , Manual Position , Sequential Position	
Panning Speed		Manual Approx. 0.15°/s ~ 120°/s 8 Steps, Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s	
Tilting Range		- 6° ~ + 96°	
Tilting Mode		Manual , Auto , Manual Position , Sequential Position	
Tilting Speed		Manual Approx. 0.15°/s ~ 120°/s 8 Steps, Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s	
LENS	Zoom Ratio	18X Optical Zoom	
	Focal Length	4.7 mm ~ 84.6 mm	
	Minimum Aperture Ratio	1 : 1.6 (Wide) ~ 3.5 (Tele)	
	Minimum Object Distance	10 cm (WIDE end), 1.5M (TELE end)	
	Iris Range	F1.6 ~ 360 , Close	
	Angle Field of View	54.1 degrees (WIDE end), approx.3.2 degrees (TELE end), (1080P mode)	
Main Functions	Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position / Patrol	
	Digital Zoom Ratio	N/A	
	Zoom Speed	Slow / MID. / Fast Selectable[Fast : Approx. 4.0 Second (Tele to Wide) in Manual Mode]	
	Focus Speed	Slow / MID. / Fast Selectable [Fast : Approx. 4.0 Second (Far to Near) in Manual Mode]	
	Auto Focus	Auto / One Push Focus	
	Iris	ALC (Adjustable Output Target Level) / Manual	
	Day & Night	Day / Night / Auto / Schedule	
	Electronic Image Stabilizer	Off / On	
	Sense Up (Slow Shutter)	1X ~ 255X	
	Electronic Shutter Speed	1/30 to 1/120,000	
	Exposure Mode	ALC / ELC	
	Back Light Compensation	BLC / HSBLC	
	Digital Wide Dynamic Range	OFF / Low / Middle / High	
	Sharpness	Adjustable	
	White Balance	ATW / AWC / Manual (1700K ~11000K)	
	Auto Gain Control	OFF / Low / Middle / High	
	3D Digital Noise Reduction	OFF / Low / Middle / High	
	Auto Mode	OFF / AUTO / SEQ / TOUR	
	Digital Effect	OFF / V-Flip / Mirror / Rotate	
	Alarm Input / Output	6 Input (TTL 5Vdc) , 1 Output (0.5A 120Vac,1A 24Vac)	

NETWORK	
Model	I14D-02N2B
Video compression	H.264, Motion JPEG
Resolution	SXGA(1280 x 1024), D1(720 x 480), CIF(352 x 240)
Frame rate	H.264 : up to 30 FPS at SXGA(1280 x 1024)
	Motion JPEG : up to 30 FPS at D1(720 x 480)
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP
Video bitrate	128 Kbps to 5 Mbps
	Frame rate and bitrate 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
OSD	Text overlay for date, time, and camera name
Alarm Function	Image upload over FTP and E-mail by alarm / motion detection
CPU, memory	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
Web PTZ control	Pan , tilt , zoom in / out , absolute position, and video-click-n-move
PTZ preset scheduling	Yes, via web interface
Maintenance	Firmware update via HTTP
	Firmware available at web site
Network Interface	10Mbps / 100Mbps , RJ-45
Client 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, Telnet, RTSP, RTCP, ONVIF
Mobile phone and PDA	iPhone, iPad, and Android
System integration	ONVIF & ACUMEN HTTPAPI
CMS	AiM HD 2.6
Video display	ACUMEN Universal ActiveX & ACUMEN Java Applet
OS	Embedded Linux 2.6.32
Two-way Audio	G.711