



ASP-1210NIR

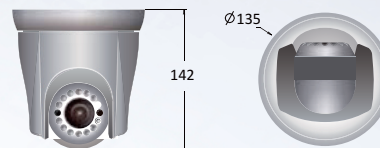
Features

- 12X Optical Zoom Lens (3.8 ~ 45.6mm)
- Higher Horizontal Resolution of 540 TV Line
- Privacy Zone Masking Function
- Auto Focus Lens
- Horizontal Flip Function
- Auto Panning Function with Auto Scan or Seq. or Tours
- 360° Endless Panning
- Multi-Protocol
- iPhone and Android support



Dimension 135 mm x 142 mm

(Unit:mm)



IP FAST DOME CAMERA SERIES

12X D/N Super High Resolution IR Fast Dome IP Camera Series

Module	System	ASP-1210NIR
	Schedule Setting	NTSC
	Power Consumption	Day & Night / Auto Mode / Daylight Saving Time
	Image Pick-up Device	13 watts
	Effective Pixels	Sony 1/4" Super HAD CCD
	Scanning System	768(H)X494(V)
	Scanning Frequency	2 : 1 Interlace
	Synchronization	15.734KHz (H), 59.94KHz (V)
	Video Output	Internal
	Horizontal Resolution	CVBS 1.0 Vp-p / 75 BNC
	Signal to Noise Ratio	Color : 540 RV Lines, Mono : 600 TV Lines
	Min Illumination	More Than 50 dB (AGC : Off)
	Operation Temperature	Color: 0.3 Lux at F1.6, 0 Lux (IR On)
	Operation Humidity	-10 C ~ +50 C (14 F ~ 122 F)
	IR LED	0% ~ 90%
Pan & Tilt	Wave length	850nm
	Spread Angel	30°
	IR Distance	16 Meter
Lens	Dimensions	143(H)*136(D)
	Weight	1.1Kg
	Panning Degree	360
	Panning Mode	Manual, Auto
	Panning Speed	Manual Apporx 0.5° / s ~ 90° / s 8 Steps, Preset Apporx . 1° / s ~ 120° / s
Main Function	Tilting Degree	0° ~ 90°
	Tilting Mode	Manual , Auto , Manual Position
	Tilting Speed	Manual Apporx 0.5° / s ~ 90° / s 8 Steps, Preset Apporx . 1° / s ~ 120° / s
	Zoom Ratio	12X Optical Zoom
	Focal Length	308 mm ~ 45.6 mm
	Maximum Aperture Ratio	1 : 1.6 (Wide) ~ 2.7 (Tele)
	Minimum Object Distance	1 m (Tele)
	Iris Range	F/1.6 ~ F/360
	Angle Field of View	Wide : 65.4° (D) 52.8° (H) 39.7V (V) / Tele 5.54° (D) 4.49° (H) 3.40° (V)
	Control Interface	RS-485 Half-Duplex
Main Function	Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Posion/Home Posion
	Character Display	(Preset ID : 16 Alphanumeric Characters , Zoom ratio , Date / Time , Pan / Tilt Angle)
	Zoom Speed	1 ~ 5 Selectable [15 : Apporx. 6.0 Second (Tele to Wide) in Manual Mode]
	Focus Speed	1 ~ 5 Selectable [15 : Apporx. 3.0 Second (Tele to Wide) in Manual Mode]
	Focus	Auto/One Push
	Iris	ALC(Adjustable Output Target Level)
	Day & Night	(Color) / Night (Mono) / Auto (ICR Filter Function) / Schedule
	Password Lock	Camera Advance / Presets / Privacy Zones / Factory Initial
	Electronic Shutter Speed	Auto / Manual Selectable (1/60 ~ 1/100,000 sec)
	Back Light Compensation	On / Off Selectable
	White Balance	TW / MWB Selectable
	Auto Gain Control	0 ~ 36dB Selectable
	Auto Mode	OFF / AUTO / SEQ / TOUR
	Privacy Zone	On / Off Selectable (Up to 4 Zones Setting)
	Image Mirror	On / Off
	Protocol Support	Multiple Protocol
Power Supply		AC 100V- AC 200V or AC 24V

NETWORK

Video Compression	H.264/AVC Main Pro
Resolution	Full D1 : 720x 480 (NTSC / 720 x 576 (PAL) CIF : 352 x 240 (NTSC) / 352 x 288 (PAL)
Frame Rate	H.264 : up to 30/25 FPS at full D1 resolution JPG : 1 FPS at CIF
Video Streaming	Simultaneous Motion JPEG and H.264 AVC Main Profile Program Stream (PS) and Transport Stream (TS)
OSD Image Watermark	Time / Date and Camera Title
audio Compression	G.711 / AAC
Video Bitrate	3 Mbps to 56 kbps Frame rate and bitrate control lable on-the-fly VBR / CBR supported
CAVLC / CABAC	Supported
Security	Base64 HTTP encryption Multiple user access levels with password protection 10 user accounts available
User	8 simultaneous unicast users (H.264) 8 simultaneous Http users (H.264_ 8 simultaneous HTTP users (JPEG) Unlimited users using multicas (H.264))
Motion	15*10 motion detection zone Image upload over FTP and e-mail by motion detection
CPU, Memory	Embedded SoC ARM926.166 MHZ,64MB DDR 4MB flash memory
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 Browser : Windows Internet Explorer 5.0 or above CPU : Intel Pentium 4.18GHz or above RAM : 1GB or above , Independent Display Card
Onvif	Onvif supported
Network Protocols Support	IP.TCP.UDP.HTTP.SMTP.ESMTP.NTP.DDNS.FTP. ARP.DHCP.PPPoE DNS.TELNET.RTP.TRSP.RTCP
Mobile Phone and PDA	iPhone and Android support
System integration	HTTPAPI / CMX downloadable
Video Display	VLC : H.264 HTTP . unicast . and multicast streaming ActiveX : for JPEG
OS	Embedded Linux 269
Alarm Input / Output	1 input / 1 Output (NO /NC)