



NETWORK PRODUCTS

IPS 303 / 312

2.6X / 12X Day & Night Super High-Resolution Fast Dome IP Camera Series





IPS 125 / 130 / 135

Network Products
Full D1 IP Fast Dome Camera

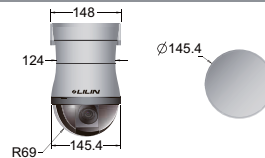
25X / 30X / 35X High Resolution Day & Night Fast Dome IP Camera Series



Features

- 25X Optical Zoom Lens (3.43 ~ 85.7 mm) / 30X Optical Zoom Lens (3.43 ~ 102.9 mm) / 35X Optical Zoom Lens (3.43 ~ 120 mm)
- 520 Horizontal TV Lines
- Automatic / Manual Iris Control
- Preset ID / Name
- Preset Background Environment File
- Private Mask
- Up to 128 Programmable Preset Positions
- RS-485 Control Interface
- Up to 256 Fast Dome Configuration
- True H.264 AVC/MPEG-4 Part 10 Real-Time Video Compression
- Full D1 Resolution at 720*480 (NTSC) / 720*576 (PAL) in Live Monitoring
- iPhone and Android support

Dimensions Φ 145 mm x 238 mm



(Unit:mm)

IP FAST DOME CAMERA SERIES							
25X / 30X / 35X High Resolution Day & Night Fast Dome IP Camera Series							
General	Model	IPS1254N/1258N	IPS1304N/1308N	IPS1354N/1358N	IPS1254P/1258P	IPS1304P/1308P	IPS1354P/1358P
	System	NTSC			PAL		
	Power Supply	IPS1254/1304/1354: AC 24V±10% / IPS1258/1308/1358: AC 100~240V					
	Power Consumption	16 W					
	Image Pick-up Device	Sony 1/4" EXview HAD CCD					
	Effective Pixels	768 (H) x 494 (V)		2:1 Interlace		752 (H) x 582 (V)	
	Scanning System						
	Scanning Frequency	15.734 KHz (H) , 59.94 Hz (V)				15.625 KHz (H) , 50 Hz (V)	
	Synchronization	Internal / Line Lock Selectable					
	Video Output	CVBS 1.0 Vp-p / 75 ΩBNC					
	Horizontal Resolution	Color : 520 TV LinesMono: 580 TV Lines					
	Signal to Noise Ratio	More Than 50 dB (AGC : Off)					
	Minimum Illumination	Color : 0.1 Lux at F1.6Mono: 0.01 Lux at F1.6					
	Ambient Operation Temperature	-10°C ~ +50°C (14°F ~ 122°F)					
	Operating Humidity	0% ~ 90%					
	Dimensions	238 mm (H) x 145 mm (D)					
	Weight	2400 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°					
Main Function	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					
	Control Interface	RS-485 Transmission					
	Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position / Patrol					
	Character Display	On / Off (Preset ID : 16 Alphanumeric Characters , Alarm Message , Zoom Ratio , Date / Time , Pan / Tilt Angle)					
	Zoom Speed	0 ~ 7 Selectable [7: Approx. 3.0 Second (Tele to Wide) in Manual Mode]	0 ~ 7 Selectable [7: Approx. 3.5 Second (Tele to Wide) in Manual Mode]	0 ~ 7 Selectable [7: Approx. 4.0 Second (Tele to Wide) in Manual Mode]	0 ~ 7 Selectable [7: Approx. 3.0 Second (Tele to Wide) in Manual Mode]	0 ~ 7 Selectable [7: Approx. 4.0 Second (Tele to Wide) in Manual Mode]	0 ~ 7 Selectable [7: Approx. 3.0 Second (Tele to Wide) in Manual Mode]
	Focus Speed	Slow / MID. / Fast Selectable [Fast : Approx. 2.0 Second (Far to Near) in Manual Mode]					
	Auto Focus	Auto / One Push					
	Iris	ALC (Adjustable Output Target Level) / Manual					
	IR Cut filter	Yes					
	Password Lock	Function Setup					
	Electronic Shutter Speed	Auto / Manual Selectable (1/60 ~ 1/100,000 sec)		Auto / Manual Selectable (1/50 ~ 1/100,000 sec)			
	Back Light Compensation	On / Off Selectable					
	White Balance	ATW / PUSH / MWB Selectable					
Auto Gain Control	0 ~ 36 dB Selectable						
Auto Mode	OFF / AUTO / SEQ. / TOUR / PATROL (STOP / PLAY / LEARN)						
Privacy Zone	On / Off Selectable (Up to 8 Zones Settings)						
Image Mirror	On / Off Selectable						
Image Negative	On / Off Selectable						
Alarm Input / Output	6 Input [Alarm In 1 ~ 6 (NC / NO)] , 1 Output (Alarm Out NC / NO)						
Schedule Setting	Alarm Input / Auto Mode / Daylight Saving Time						
Peripheral Products	IJ5056D 50W (PoE Injector) / SL4024A 40W (PoE Splitter)						
Peripheral Bracket	PIH-76WM / PIH-303B / PIH-303P						
25X Lens	Zoom Ratio	25X Optical Zoom					
	Focal Length	3.43 mm ~ 85.7 mm					
	Maximum Aperture Ratio	1 : 1.6 (Wide) ~ 3.7 (Tele)					
	Minimum Object Distance	1.5 m (Tele)					
	Iris Range	F1.6 ~ 360, Close					
30X Lens	Angle Field of View	Wide : 68.6°(D) 57.8°(H) 43.7°(V) / Tele : 3.12°(D) 2.53°(H) 1.83°(V)					
	Zoom Ratio	30X Optical Zoom					
	Focal Length	3.43 mm ~ 102.9 mm					
	Maximum Aperture Ratio	1 : 1.6 (Wide) ~ 4.1 (Tele)					
	Minimum Object Distance	1.5 m (Tele)					
35X Lens	Iris Range	F1.6 ~ 360, Close					
	Angle Field of View	Wide : 68.6°(D) 57.8°(H) 43.7°(V) / Tele : 2.60°(D) 2.10°(H) 1.53°(V)					
	Zoom Ratio	35X Optical Zoom					
	Focal Length	3.43 mm ~ 120 mm					
	Maximum Aperture Ratio	1 : 1.6 (Wide) ~ 4.5 (Tele)					
35X Lens	Minimum Object Distance	1.5 m (Tele)					
	Iris Range	F1.6 ~ 360, Close					
	Angle Field of View	Wide : 68.6°(D) 57.8°(H) 43.7°(V) / Tele : 2.23°(D) 1.70°(H) 1.30°(V)					

Notice: Please refer appendixes to see network function specifications.

Design and specifications are subject to change without notice.





APPENDIXES

NETWORK	
Video Compression	H.264/AVC Main Profile , Level 3 (I / P / B frames) , Motion JPEG
Resolution	Full D1 : 720 x 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
	JPEG : 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 controllable on-the-fly
	VBR / CBR supported
CAVLC/CABAC	Supported
Security	Base64 HTTP encryption
	Multiple user access levels with password protection
	10 user accounts available
Users	8 simultaneous unicast users (H.264)
	8 simultaneous HTTP users (H.264)
	8 simultaneous HTTP users (JPEG)
	Unlimited users using multicast (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 , 4 MB 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 1.8GHz or above
	RAM : 1GB or above , Independent Display Card
Onvif	Onvif supported
Network Protocols	IP,TCP,UDP,HTTP,SMTP,ESMTP,NTP,DDNS,FTP,ARP,DHCP,PPPoE, DNS,Telnet,RTP,RTSP,RTCP
Mobile Phone and PDA Support	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 2.6.9
Alarm Input / Output	1 input / 1 Output (N.O. / N.C.)