



IPS2124N/P / IPS2128N/P 12X DAY & NIGHT IR PTZ DOME IP CAMERA



The IPS2124/ IPS2128 is 12X Day & Night IR PTZ Dome IP Camera. The high-speed dome is capable of streaming HD video at up to 30 FPS. Auto focus Lens feature, capable of making 360° continuous panning, users can accurately position the camera to identify specific targets.

FEATURES :

- 12X Optical zoom Lens (3.8 – 45.6mm)
- True H.264 AVC/MPEG-4 Part 10 Real-Time Video compression
- Higher Horizontal resolution of 540 TV Line
- Privacy zone masking
- Auto focus Lens
- Horizontal Flip
- Auto Panning with Auto Scan or Seq. or Tours
- 360° Endless Panning
- Multi-Protocol
- iPhone and Android Supported
- ONVIF supported

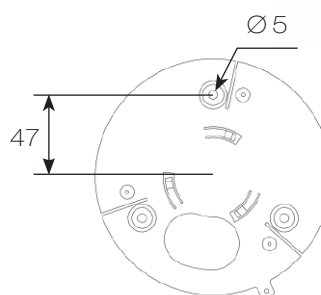
DIMENSIONS : (Unit : mm)

Ø135 x 142

Ø135



INSTALLATION HOLE SITE DIAGRAM :



SPECIFICATION :

Name	12X Day & Night IR PTZ Dome IP Camera	
Model	NTSC	IPS2124N
	PAL	IPS2124P
Power supply	AC 24V ±10%	
Power consumption	13 Watts	
Image pick-up device	Sony 1/4" Super HAD CCD	
Effective pixels	768 (H) x 494 (V) NTSC / 752 (H) x 582 (V) PAL	
Scanning system	2:1 Interlace	
Scanning frequency	15.734 KHz (H) , 59.94 Hz (V) NTSC / 15.625 KHz (H),50 Hz (V) PAL	
Synchronization	Internal	
Video output	CVBS 1.0 Vp-p / 75 ΩBNC	
Horizontal resolution	Color : 540 TV Lines , Mono : 600 TV Lines	
Signal to noise ratio	More than 50 dB (AGC : Off)	
Minimum illumination	Color : 0.3 Lux at F1.6 , Mono : 0 Lux (IR ON)	
Ambient operation temperature	-10°C - +50°C (14°F - 122°F)	
Operating humidity	0% - 90%	
Infrared LED	Peak wavelength	850nm
	Beam spread	30°
	Radiant distance	16M
Dimensions	142 mm (H) x 135 mm (D)	
Weight	1100g	
Pan & Tilt		
Panning range	360° Endless	
Panning mode	Manual , auto , manual position , sequential position	
Panning speed	Manual approx. 0.5°/S - 90°/s 8 steps, Preset approx. 1°/S - 120°/s	
Tilting range	0° - 90°	
Tilting mode	Manual , auto , manual position , sequential position	
Tilting speed	Manual approx. 0.5°/S - 90°/s 8 steps, Preset approx. 1°/S - 120°/s	
Lens		
Zoom ratio	12X Optical zoom	
Focal length	3.8 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) 39.7°(V) Tele : 5.54°(D) 4.49°(H) 3.40°(V)	
Main Function		
Control interface	RS-485 Half-Duplex	
Control function	Pan and tilt / zoom and focus / Iris and ICR / 128 preset position / home position	
Character display	On / off (preset id : 16 alphanumeric characters, zoom ratio , date / time, pan / tilt angle)	
Zoom speed	1 - 15 selectable [15 : approx. 6.0 Second (tele to wide) in manual mode]	
Focus speed	1 - 15 selectable [15 : approx. 3.0 Second (far to near) in manual mode]	
Focus	Auto / one push	
Iris	ALC (Adjustable output target level)	
Day & Night	Day (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) NTSC / Auto / manual selectable(1/50 - 1/100,000 sec) PAL	
Back light compensation	On / Off selectable	
White balance	ATW / MWB selectable	
Auto gain control	0 - 36 dB selectable	
Auto mode	Off / auto / seq / tour	
Privacy zone	On / Off selectable (up to 4 zones settings)	
Image mirror	On / Off selectable	
Protocol support	Multi-protocol	
Schedule setting	Day & Night / Auto mode / daylight saving time	
Peripheral Products		
PoE injector	IJ5056D 50W	
PoE splitter	SL4012D 40W	

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	15x10 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 support	iPhone and Android support
System integration	HTTP API / NAV 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.)

