LILIN IP FAST DOME - INDOOR

IPS 2124/2128

- 12X Optical Zoom Lens(F 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 Function
- Auto Focus Lens
- Horizontal Flip Function
- Auto Panning Function with Auto Scan or Seq. or Tours
- 360˚ Endless Panning
- Multi-Protocol
- Free Java Phone, Window Mobile, and PDA Software Support

12X Optical Zoom Lens | H.264 | OSD | 540 TV Line | Day & Night | BLC | AGC | AWB | IR LED | Privacy Zone | 50dB S/N Ratio | Internet

Specifications

12X Super High Resolution IR Fast Dome IP Camera Series

	Model	IPS2124N	IPS2128N	IPS2124P	IPS2128P
General	System	NTSC		PAL	
	Power Supply	AC 24V ±10%	AC 100V ~ 240V ±10%	AC 24V ±10%	AC 100V ~ 240V ±10%
	Power Consumption	13 W			
	Image Pick-up Device	Sony 1/4" Super HAD CCD			
	Effective Pixels	768 (H) x 494 (V)		768 (H) x 494 (V)	
	Scanning System	2:1 Interlace			
	Scanning Frequency	15.734 KHz (H) , 59.94 Hz (V)		15.625 KHz (H) , 50 Hz (V)	
	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 : 0.5 Lux at F1.9 , Mono : 0 Lux (IR ON)			
	Ambient Operation Temperature	- 10℃ ~ + 50℃ (14℉ ~ 122℉)			
	Operating Humidity	0% ~ 90%			
	Infrared LED – Peak Wavelength	850nm			
	Infrared LED – Beam Spread	16M			
	Infrared LED – Radiant Distance	30˚			
	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			
	Minimum 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)			

Specifications

12X Super High Resolution IR Fast Dome IP Camera Series

Main Function	Control Interface	RS-485 Half-Dulplex
	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]
	Auto Focus	Auto / One Push
	Iris	ALC (Adjustable Output Target Level) / Manual
	Day & Night	Day (Color) / Night (Mono) / Auto (ICR Filter Function) / Schedule
	Password Lock	Camera Advance / Presets / Privacy Zones / Factory Initial
	Electric 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 / 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
	Schedule Setting	Day & Night / Auto Mode / Daylight Saving Time
Network Function	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)
	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	5 simultaneous unicast users (H.264)
		5 simultaneous HTTP users (H.264)
		5 simultaneous HTTP users (JPEG)
		Unlimited users using multicast (H.264)
	Motion	Events triggered by built-in motion detection
		15*10 motion detection zone
		Image upload over FTP and e-mail by motion detection
	Audio	Mono , MPEG-4 AAC , 48 KHz , 96 Kbps
	CPU, memory	Embedded SoC ARM926 , 166 Mhz , 64MB DDR , 4 MB 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
		Browser : Windows Internet Explore 5.0 or above
		CPU : Intel Pentium 4 1.8GHz or above
		RAM : 512MB or above
	Network protocols	IP , TCP , UDP , HTTP , SMTP , ESMTP , NTP , DDNS , FTP , ARP , DHCP , PPPoE , DNS , Telnet
	Mobile phone and PDA support	Free eMobile software for Java mobile phone , Windows Mobile 5/6 , and PDA
		3GPP H.264 w/ video and audio via Podcast , compatible with CorePlayer
	System integration	HTTPAPI downloadable
	Video display	VLC : H.264 HTTP , unicast , and multicast streaming
		ActiveX : for JPEG
	OS	Embedded Linux 2.6.9