



IPS5204 / IPS5208

20X DAY & NIGHT 1080P HD WDR PTZ DOME IP CAMERA (INDOOR)



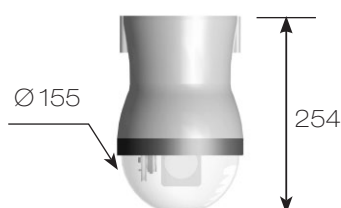
The IPS5204 / IPS5208 is 1080P HD IP PTZ Dome camera. The high-speed domes are capable of streaming HD video at up to 30 FPS. Featuring LILIN's Wide dynamic Range (WDR) feature, the IPS5204 / IPS5208 captures highlights and shadows simultaneously, eliminating pixilation and smear. Combine this with 3D Noise Reduction technology and adaptive tone reproduction and the contrast of images in bright or dark areas is dramatically improved. Capable of making 360° continuous rotations with a speed range of 0.15° – 360° per second, users can accurately position the camera to identify specific targets. The 20x optical zoom and 12x digital zoom capacity give the IPS5204/IPS5208 an impressive range.

FEATURES :

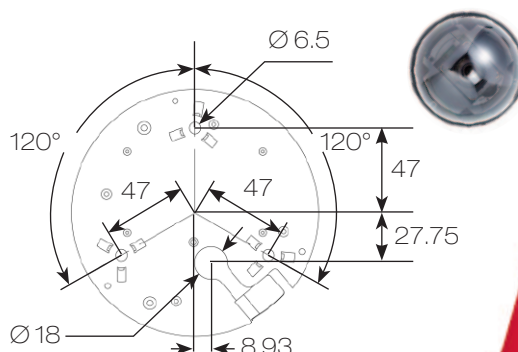
- 20X Optical zoom Lens(4.7 – 94mm)
- 12X Digital zoom
- Full HD 2.38 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- Wide dynamic range
- Digital noise reduction
- Dynamic privacy zone mask
- Day & Night (IR cut removable)
- Up to 128 Programmable Preset Positions
- 2-way audio supported
- ONVIF supported

DIMENSIONS : (Unit : mm)

Ø 155 x 245



INSTALLATION HOLE SITE DIAGRAM :



SPECIFICATION :

Name	20X Day & Night 1080P HD WDR PTZ Dome IP Camera (Indoor)	
Model	IPS5204	IPS5208
Power supply	AC24V	AC100 – 240V
Power consumption	15.5W	16W
Image pick-up device	1/2.8 Type CMOS Sensor	
Effective pixels	1944 (H) x 1224 (V) = 2,379,456 (pixels)	
Total number of pixel	1952 (H) x 1236 (V) = 2,412,692 (pixels)	
Scanning system	Progressive scan	
Video output	CVBS 1.0 Vp-p / 75 Ω BNC	
Minimum illumination	0.4 Lux (1/30 sec, F1.6(wide), 50IRE, AGC-Gain: 45dB, ICR-OFF)	
	0.1 Lux (1/8 sec, F1.6(wide), 50IRE, AGC-Gain: 45dB, ICR-OFF)	
	0.01 Lux (1/8 sec, F1.6(wide), 50IRE, AGC-Gain: 45dB, ICR-ON)	
Ambient operating temperature	- 10°C – + 50°C (14°F – 122°F)	
Operating humidity	0% – 90%	
Dimension	245 mm (H) x 155 mm (D)	
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	20x Optical zoom	
Focal length	4.7 mm (WIDE) to 94.0 mm (TELE)	
Minimum aperture ratio	1 : 1.6 (Wide) – 3.5 (Tele)	
Minimum object distance	10 mm (WIDE end), 1.0m (TELE end)	
Iris range	F1.6 – 36.2 , Close	
Angle field of view	Approx. 59.6 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	
Digital zoom ratio	12X	
Zoom speed	Slow / MID. / Fast Selectable [Fast : Approx. 5.0 Second (Tele to Wide) in Manual Mode]	
Focus speed	Slow / MID. / Fast Selectable [Fast : Approx. 5.0 Second (Far to Near) in Manual Mode]	
Auto focus	Auto / Manual	
Iris	Auto / Manual	
Day & Night	Day / Night / Auto	
Electronic shutter speed	1/1 to 1/30,000	
Exposure mode	Auto / Manual	
Back light compensation	OFF / ON	
Wide Dynamic Range	OFF / ON	
Sharpness	Adjustable	
White balance	ATW / Manual (1700K – 11000K)	
Auto gain control	0 – 45dB	
Digital noise reduction	OFF / ON (LEVEL=1 – 3)	
Auto mode	OFF / AUTO / SEQ / TOUR / PATROL	
Dynamic privacy zone mask	OFF / ON (Up to 8 area)	
Digital effect	OFF / Mirror / Flip	
Alarm input / output	6 Input (TTL 5Vdc) , 2 Output (0.5A 120Vac, 1A 24Vac)	
Schedule setting	OFF / Auto mode / Preset Position	

Network		
Video compression		H.264, Motion JPEG
Resolution		1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)
Multiple profile	Profile #1	H.264 : up to 30 FPS @ 1920 x 1080 , MJPEG : up to 30 FPS @ 720 x 480
	Profile #2	H.264 : up to 30 FPS @ 1280 x 720 , MJPEG : up to 30 FPS @ 352 x 240
	Profile #3	H.264 : up to 30 FPS @ 1920 x 1080 , MJPEG : up to 30 FPS @ 1280 x 720
	Profile #4	H.264 : up to 30 FPS @ 720 x 480 , MJPEG : up to 15 FPS @ 1920 x 1080
Video streaming		RTP/HTTP, RTP/TCP, RTP/UDP, Multicast
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 6.0 or above
		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 Profile S, ICMP, IGMP
Mobile phone		iPhone, iPad, and Android support
System integration		ONVIF & LILIN HTTPAPI
Central management system		CMX 3.6 / NAV 1.0 support
Video display		LILIN Universal ActiveX & LILIN Java Applet
OS		Embedded Linux 2.6.32
Two-way audio		G.711
SD card recording		Support Micro SD/SDHC/SDXC card for circular recording (card is not included)



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