



**Creativity Progress & Excellence**

Network Product





# IPS4184S / IPS4188S

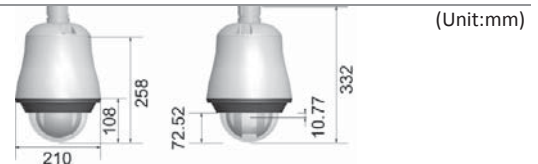
## 18X Day & Night 1080P HD WDR Speed Dome IP Camera (Outdoor)



### Features

- 18X Optical Zoom Lens(4.7 – 84.6mm)
- 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
- 2-way audio supported
- Sense Up function
- ONVIF supported
- Weatherproof IP 66

### Dimensions $\Phi$ 210 mm x 332 mm



SPEED DOME IP CAMERA SERIES			
18X Day & Night 1080P HD WDR Speed Dome IP Camera (Outdoor)			
General	Model	IPS4184S	IPS4188S
	Power Supply	AC24V	AC100 – 240V
	Power Consumption	25W (with Heater)	63W (with Heater)
	Image Pick-up Device	1/2.8 Type Exmor CMOS Sensor	
	Effective Pixels	2096 (H) × 1561 (V) = 3,269,760 (pixels)	
	Total number of pixel	2144 (H) × 1588 (V) = 3,404,672 (pixels)	
	Scanning System	Progressive Scan	
	Video Output	CVBS 1.0 Vp-p / 75 $\Omega$ BNC	
	Minimum Illumination	0.1 lux (F1.6, 50IRE)	
	IP Rating	IP66	
	Ambient Operating Temperature	-40°C – +50°C (-40°F – 122°F)	
	Operating Humidity	0% – 90%	
	Dimension	$\Phi$ 210 mm x 332 mm	
	Weight	3200 g	
	Pan & Tilt	Heater Activation	On: 15 °C, Off: 25 °C
Fan Activation		On: 35 °C, Off: 25 °C	
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	
LENS	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	
	Zoom Ratio	18X Optical Zoom	
	Focal Length	4.7 mm (WIDE) to 84.6.0 mm(TELE)	
Main Functions	Minimum Aperture Ratio	1 : 1.6 (Wide) – 3.5 (Tele)	
	Minimum Object Distance	10 cm (WIDE end), 1.5M (TELE end)	
	Iris Range	F1.6 – 360 , Close	
	Angle Field of View	54.1 degrees (WIDE end), approx. 3.2 degrees (TELE end), (1080P mode)	
	Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position	
	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 / One Push Focus	
	Iris	Auto / Manual	
	Day & Night	Day / Night / Auto / Schedule	
	Sense Up ( Slow Shutter )	OFF / ON	
	Electronic Shutter Speed	1/1 to 1/10,000	
	Exposure Mode	Auto / Manual	
	Back Light Compensation	OFF / ON	
	Digital Wide Dynamic Range (ATR)	OFF / ON	
Sharpness	Adjustable		
White Balance	ATW / AWC / Manual (1700K – 11000K)		
Auto Gain Control	0 – 28dB (12 Step)		
Digital Noise Reduction	(2D) OFF / LEVEL=1 – 5		
Auto Mode	OFF / AUTO / SEQ / TOUR		
Digital Effect	OFF / Mirror		
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)
Frame rate	H.264 : up to 30 FPS at 1080P(1920 x 1080) Motion JPEG : up to 30 FPS at D1(720 x 480 )
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, 7, 8 CPU : Intel Pentium 4 1.8GHz or above
Network protocols	RAM : 1GB or above, Independent Display Card
	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, Telnet, RTSP, RTCP, ONVIF, ICMP, IGMP
Mobile phone	iPhone, iPad, and Android support
System integration	ONVIF & LILIN HTTPAPI
CMX	CMX HD 3.6 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 card for circular recording (card is not included)