



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



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

Description

The IPS5180E is indoor fitted 18X Day & Night 1080P HD WDR PTZ Dome IP Camera that in compliance with LILIN's already established HD PTZ series of cameras. The camera can be powered through High Power over Ethernet, which complies with the PoE standard IEEE 802.3at. The high-speed domes are capable of streaming HD video at up to 30 FPS. Featuring LILIN's Wide Dynamic Range (WDR) feature, the IPS5180E captures highlights and shadows simultaneously, eliminating pixilation and smear. Combine this with digital 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, users can accurately position the camera to identify specific targets. The 18x optical zoom capacity give the IPS5180E an impressive range.

With a focal length of 4.7-84.6mm and a compact design, the IPS5180E is ideal for numerous applications. Further features include privacy zones, comprehensive scheduling, 2-way audio, weighted mode, alarm activation by motion detection.

Specifications

Model	IPS5180E
Image Sensor/Sensor type	1/2.8 Type Exmor CMOS Sensor
Effective pixels	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
Live video	CVBS 1.0 Vp-p / 75 Ω BNC
Min. illumination/Low Light Mode (Colour)	0.1 lux (F1.6, 50IRE)
Operating temperature	-10°C – + 50°C (14°F – 122°F)
Operating humidity	0% – 90%
Dimensions	245 mm (H) x 155 mm (D)
Weight	2300 g
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
Zoom ratio	18X Optical zoom
Lens	4.7 mm (WIDE) to 84.6.0 mm(TELE)
Minimum Aperture Ratio	1 : 1.6 (Wide) – 3.5 (Tele)
Minimum object distance	10 cm (WIDE end), 1.5m (TELE end)
Iris	F1.6 – 360 , Close ; Auto / Manual
Angle 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
IR cut filter	Day / Night / Auto / Schedule
Sense Up	OFF / ON
Shutter Time	1/1 to 1/10,000
Exposure Mode	Auto / Manual
Back Light Compensation (BLC)	OFF / ON
2D WDR	OFF / ON
Sharpness	Adjustable
White Balance	ATW / AWC / Manual (1700K – 11000K)
Auto Gain Control	0 – 28dB (12 Step)
3D Noise Reduction	(2D) OFF / LEVEL=1 – 5
Auto Mode	OFF / AUTO / SEQ / TOUR
Privacy Masking	OFF / ON (Up to 14 area)
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
Video Compression	H.264 , Motion JPEG
Resolution	1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)
Frame Rates	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
PTZ Control	Pan , tilt , zoom in / out , absolute position, and video- click-n-move
PTZ preset scheduling	Yes, via web interface
Encryption	Base64 HTTP encryption
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
IP address filter	Yes
Multi IP address	Yes
Users	8 simultaneous users
OSD (On-Screen Display)	Text overlay for date, time, and camera name
Alarm event triggers	Image upload over FTP and E-mail by alarm / motion detection
Alarm event actions	Yes
CPU	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory
Firmware	Firmware update via HTTP ; Firmware available at web site
Network Interface/Ethernet	10Mbps / 100Mbps , RJ-45
OS requirement	Windows 2000 , Windows XP , Windows Vista, Windows 7
Web browser	Windows Internet Explorer 6.0 or above
CPU requirement	intel pentium 4 1.8GHz or above

RAM requirement	1GB or above, Independent Display Card
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
Video Management	ONVIF & LILIN HTTPAPI ; CMX 3.6 / NAV 1.0 support
Video Display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 2.6.32
Audio	Two-way audio , G.711 / PCM
SD Card (recording)	Support Micro SD/SDHC/SDXC card for circular recording (card is not included)
Power Consumption	PoE+ 14W