25X/30X 1080P Day & Night 60 FPS IR Vandal Resistant PTZ IP Camera

Features

25X Optical Zoom Lens(4.7 – 117.5mm) / 30X Optical Zoom Lens(4.7 – 129mm)
16X Digital Zoom
Day & Night (IR cut removable)
Full HD 2.14 megapixel CMOS image sensor
60 FPS @ 1080P True H.264 AVC High Profile video compression
H.264 and Motion JPEG multi-profile video streaming
Digital Noise Reduction function
HDR function up to 90dB
IVS supported
Alarm(1 – 4) / Motion / Tamper / Audio / Network loss detection
Smart event support
150-metre infrared night vision
Digital image stabilization
Defog function
Dynamic privacy zone mask
Horizontal Flip
360° Endless panning
Tilting range up to 210□
Up to 256 Programmable Preset Positions
2-way audio supported
ONVIF supported
RS-485 supported
Weatherproof IP66

Vandal resistant approve IK10
Rain repellent glass

Specifications

Model	PSR5520EX30
Min. illumination/Low Light Mode (Colour)	0.5 lux (1/30 sec, F1.6(Wide), 50IRE, AGC-Gain: 30dB ICROFF Color mode)
Lens	4.3 (WIDE) – 129.0 (TELE) mm
Minimum Aperture Ratio	1 : 1.6 (Wide) – 4.7 (Tele)
Iris Range	F1.6 – 16, Close
Minimum object distance	10 cm (WIDE end), 1.5M (TELE end)
Angle of View	10 cm (WIDE end), 1.5M (TELE end) (H) 64.45°(W) – 2.41° (T) (V) 39.27°(W) – 1.36°(T) (D)
Zoom Speed	0 – 7 Selectable [Fast : Approx. 6.0 Second (Tele to Wide) in Manual Mode]
Focus Speed	0 – 7 Selectable [Fast : Approx. 6.0 Second (Tele to Wide) in Manual Mode]
Peak wavelength	850nm
Max IR distance	200M
Beam Spread	Automatically adjusted, Depending on the zoom ratio
Pick Up Element	1/2.8" CMOS image sensor
Effective pixels	1944 (H) × 1224 (V) = 2,379,456 (pixels)
CE	Yes, EMI CLASS A
FCC	Yes, EMI CLASS A
IP Rating	IP66
Vandal Resistant Rating / IK Rating	IK10
Starting Temperature	- 40°C – + 50°C (-40°F – 122°F)
Operating temperature	- 40°C – + 50°C (-40°F – 122°F)
Storage temperature	- 20°C – + 60°C (-4°F – 160°F)

Operating humidity	0% – 90%
Power Supply	PoE++ (IEEE 802.3bt) / DC48V
Power Consumption	PoE++, 47.5 W / DC48V, 46 W (Heater OFF) PoE++, 82.5 W / DC48V, 81 W (Heater ON)
Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 256 Preset Position / Home Position
Auto Mode	OFF / SCAN(16) / SEQ(256) / TOUR(16) / PATROL(16) / Auto TRACKING
Schedule Setting	OFF / SCAN (4)/ SEQ(256) / TOUR(4) / PATROL(4) / Preset Position(256)(via web interface)
Panning Range	360° Endless
Panning Mode	Manual , Auto , Manual Position , Sequential Position
Panning Speed	Manual Approx. 0.1°/s – 120°/s 8 Steps, Preset Approx. 1°/s – 300°/s, Alarm Trigger Speed 300°/s
Tilting Range	-30° – +210°
Tilting Mode	Manual , Auto , Manual Position , Sequential Position
Tilting Speed	Manual Approx. 0.1°/s – 120°/s 8 Steps, Preset Approx. 1°/s – 300°/s, Alarm Trigger Speed 300°/s
RAM	4GB or above, Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 9 or above
Dimensions	395 (H) × 198 (D) mm
Weight	6000 g
Casing Material	Aluminum alloy
Window / Glass Thickness	Ø55 Heat Resistant Glass & Rain repellent glass
Audio Input / Output	one audio input / one audio output Terminal block type (microphone not built- in)
Live Video Output	CVBS 1.0Vp-p, 75 ohm, terminal block type
Audio	G.711 / PCM
Alarm Input / output	Digital 4 Input (TTL 5Vdc) , 2 Output (DC40V,300mA (max.)) , Terminal block type
Video Compression	H.264 Main and High Profile, Motion JPEG

Video streaming	H.264 Main and High Profile, Motion JPEG
Video bitrate	128Kbps – 12Mbps, Frame rate and bit rate controllable onthe- fly, VBR / CBR / GOP supported; Fixed bitrate
Encryption	Base64 HTTP encryption
Authentication	Digest HTTP authentication, RTSP Authentication, IEEE 802.1x authentication
Address Filter	IP address filter, MAC address filter
Access	Multiple user access levels with password protection
User accounts	10 simultaneous users
Multi IP address	Yes
Resolution	2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Frame Rates	Normal mode (H.264 / MJPEG) 60Hz: 60 FPS @ 1920 × 1080 50Hz: 50 FPS @ 1920 × 1080 WDR mode (H.264 / MJPEG) 60Hz: 30 FPS @ 1920 × 1080 50Hz: 25 FPS @ 1920 × 1080
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono)
White Balance	ATW / Indoor(3200K) / Outdoor(5800K) / Manual(1800K – 10500K)
Back Light Compensation (BLC)	OFF / ON
Electrical Shutter	Auto / manual(1/30(25) – 1/10,000)
Exposure Mode	AUTO / IRIS.P / SHUT.P / MANUAL
Sense Up	OFF / ON
Sense Up+	Yes
Auto Gain Control	50dB Variable Gain
S / N Ratio	More than 50dB (AGC off)
3D Noise Reduction	OFF / ON (1 – 5)
High Dynamic Range(HDR)	Up to 90dB

Privacy Masking	OFF / ON (Up to 16 area)
Image Effects	Contrast, Sharpness, Mirror, Flip, Defog, DIS, Digital Zoom(x16)
Mobile phone	Integrated to LILIN mobile app (LILIN Viewer) iPhone, iPad, Android support
Video Management	ONVIF Profile S, LILIN Navigator Enterprise 2.0, Third party VMS through LILIN HTTP API
SD Card (recording)	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
IVS Basic 1.0	Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection
IVS Advanced 2.0	Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection, Object Counting
IVS Advanced 2.1 (Optional)	Unattended Object Detection, Missing Object Detection, Crowd Detection, Loitering Detection, Face Detection
Alarm event triggers	Alarm(1 – 4) / Motion / Tamper / Audio / Network loss detection
Alarm event actions	FTP, SMTP, SD card, SAMBA, Alarm output(2), HTTP post, SNMP Trap, Preset position
Control interface	RS-485, Half-Duplex, support MLP2, Pelco D/P protocols
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
ePTZ & Digital Zoom	16X
PTZ Control	Pan , tilt , zoom in / out , absolute position, and video-click-nmove

OSD	Text overly for date, time , camera name, and PTZ position
CPU.Memory	Embedded SoC, ARM Cortex-A9 1.0GHz, 512MB DDR3, 256MB flash memory
Network OS	Embedded Linux 3.10.104+
Protocols	IPv4, IPv6, TCP, UDP, HTTP, SMTP, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SIP, Bonjour, 802.1x
Max number of online users	10 user accounts available
Video Display	LILIN Universal ActiveX & HTML5