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## 30X 1080P Day & Night 60 FPS IR Vandal Resistant PTZ IP Camera (Limited stock)



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### Features

- Outdoor PTZ camera
- 30X optical zoom
- IP66 rain and dust resistant
- Rain repellent glass
  
- Can resist to wind speed up to 60m/s class 17 level
  
- 150-metre infrared night vision
- 1080p resolution
- Wide Dynamic Range up to 90dB
- H.264 and Motion JPEG multi-profile video streaming

#### Discontinued date

- 2022.02.18

#### Alternative models

- PSR55 Series,S7R55 Series,S8R55 Series

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## Description

PSR5024EX30 is 30X 1080P Full HD Infrared PTZ IP Camera designed for both day and night environment. This high-speed PTZ IP Camera is capable of streaming HD video at up to 60 FPS. It features Wide Dynamic Range (WDR) up to 90dB, the PSR5024EX30 captures highlights and shadows simultaneously, eliminating pixilation and smear further providing perfect detailed images. Combined this with 3D Noise Reduction technology, Adaptive Tone Reproduction and built-in infrared LEDs, it ensures that the contrast of images in bright or dark areas is dramatically improved. The images are perfectly delivered.

Capable of making 360° continuous rotations with a speed range of 0.1° – 300° per second, users can accurately position the camera to identify specific targets. The 30x optical zoom and 16x digital zoom capacity give the PSR5024EX30 an impressive range.

The camera is IP66 rain and dust resistant and can be operated at the range of -40°C to 50°C.

It can also be installed in outside environment and resist to wind speed up to 60 meters per second (216km/h) like typhoon or super typhoon.

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## Specifications

Model	PSR5024EX30 (Discontinued)
Min. illumination/Low Light Mode (Colour)	0.5 lux (1/30 sec, F1.6(Wide), 50IRE, AGC-Gain: 30dB ICROFF Color mode)
Focal Length	4.3 (WIDE) – 129.0 (TELE) mm
Minimum Aperture Ratio	1 : 1.6 (Wide) – 4.7 (Tele)
Iris Range	F1.6 – 32 , Close
Minimum object distance	10 cm (WIDE end), 1.5M (TELE end)
Angle of View	(H) 64.45°(W) – 2.41° (T) (V) 39.27°(W) – 1.36°(T)
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	150m

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
UL	Yes
IP Rating	IP66
Vandal Resistant Rating / IK Rating	IK10
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	AC24V ±10% / DC24V / PoE++( IEEE 802.3bt)
Power Consumption	AC24V, Max.80W / DC24V, Max.80W / PoE++, Max. 55W
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
CPU	Intel® Core™ i3 or higher grade
OS	Windows 7 or above
RAM	4GB or above, Dedicated Graphics Card
Web browser	Microsoft® Internet Explorer® 9 or above

Dimensions	395 (H) × 198 (D) mm
Weight	6000 g
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 u-law / PCM
Alarm Input / output	Digital 4 Input (TTL 5Vdc) , 2 Output (0.5A 120Vac, 1A 24Vac) , Terminal block type
Video Compression	H.264 Main and High Profile, Motion JPEG
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.264 and Motion JPEG, configurable frame rate and bandwidth
Video bitrate	128Kbps – 12Mbps, Frame rate and bit rate controllable on-the-fly, VBR / CBR / GOP supported; Fixed bitrate
Encryption	Base64 HTTP encryption
Authentication	Digest HTTP authentication, RTSP Authentication, IEEE 802.1x authentication
Access	Multiple user access levels with password protection
User accounts	Multiple user access levels with password protection
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)
Maximum Frame Rate	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 Application	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)
Maintenance	Firmware update via HTTP and IP Scan; Firmware available at web site
IVS Basic 1.0	Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection, Object Counting
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
Network Interface/Ethernet	10/100/1000Mbps Base-T, RJ-45
ePTZ & Digital Zoom	16X
PTZ Control	Pan , tilt , zoom in / out , absolute position, and video-click-nmove
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
Video Display	LILIN Universal ActiveX & HTML5