



3X Day&Night 1080P HD Vandal Resistant Mini Fast Dome IP Camera



Features

- 3x Optical Zoom Lens (3.35 - 10.05mm)
- Day & Night (IR cut removable)
- True H.264 AVC High Profile video compression
- HDR function up to 100dB
- 3D Noise Reduction (MCF)
- PTZ Control
- Up to 256 Programmable Preset Positions
- Auto-Pan Function
- Digital 1 input / 1 Output
- Onvif Support

Description

The PZD6422EX3 is 1080P HD PTZ Dome IP Camera featuring 3X optical zoom capability. The high-speed dome is capable of streaming HD video at up to 30 frames per second. High Dynamic Range (HDR) feature, the The PZD6422EX3 captures highlights and shadows simultaneously, eliminating pixilation and smear.

Capable of making continuous rotations, users can accurately position the camera to identify specific targets. The PZD6422EX3 PTZ camera provide IP66-rated protection against water and dust. The 3X optical zoom gives the PZD6422EX3 an impressive range. With a focal length of 3.35 mm ~ 10.05 mm, PZD6422EX3 is ideal for numerous applications.

Specifications

Model	PZD6422EX3 (Coming soon)
Image Sensor/Sensor type	1/2.7" CMOS Sensor
Effective pixels	1928(H) x 1088(V) = 2,097,664 Pixels
Video Compression	H.264 Main and High Profile, Motion JPEG
Resolution	1080P(1920 x 1080) , 1280x960 , 720P(1280 x 720) , D1 (720 x 480, 720 x 576) , VGA(640 x 480) , CIF (352 X 240)
Frame Rates	H.264: up to 30 FPS @ 1920 x 1080 / MJPEG: up to 30 FPS @ 1920 x 1080
Lens	3.35 mm ~ 10.05 mm
Iris	F1.7 - F3.0
Angle of View	Wide : 108.2°(H) 57.0°(V) □Tele : 32.7°(H) 18.4°(V)
Auto Focus	Auto / Manual Focus
Zoom ratio	3X Optical Zoom
Minimum object distance	0.5m (Tele)
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	128 Kbps to 12 Mbps ; Frame rate and bitrate controllable on-the-fly ; VBR / CBR / GOP supported / Fix bitrate
Scanning System	Progressive Scan
IR cut filter	Auto / Schedule / Day / Night

Min. illumination/Low Light Mode (Colour)	0.1 lux, (1/30 sec, F1.6(Wide), 50IRE, AGC-Gain: 30dB ICR-OFF) 0.05 lux, (1/30 sec, F1.6(Wide), 50IRE, AGC-Gain: 30dB ICR-OFF)
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2
Back Light Compensation (BLC)	On / Off
Shutter Time	Auto / Manual (1/30(25) to 1/30,000)
Sense Up	OFF / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
3D Noise Reduction	OFF / 1 - 32 Selectable
2D WDR	OFF / Auto / x2 / x3 / x4 (in normal mode)
High Dynamic Range(HDR)	Up to 100dB (in HDR mode, 2 shutter line interleave)
Other functions	Sharpness, Hue, Image flip, Image mirror
Live video	CVBS 1.0Vp-p, 75 ohm, connector
Panning Range	340°
Panning Mode	Manual, Auto, Manual Position, Sequential Position
Panning Speed	Manual Approx. 0.1 °/s - 90 °/s 8 Steps □Preset Approx. 1 °/s - 120 °/s 8 Steps
Tilting Range	0° - 90°
Tilting Speed	Manual Approx. 0.1 °/s - 90 °/s 8 Steps □Preset Approx. 1 °/s - 120 °/s 8 Steps
Tilting Mode	Manual, Auto, Manual Position, Sequential Position
Minimum Aperture Ratio	1: 1.7 (Wide) - 3.0 (Tele)
Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 256 Preset Position / 16 Auto Scan / Home Position
Zoom Speed	1-8 Selectable [8□approx. 4.5 second (In to Out) in manual mode]
Focus Speed	1-8 Selectable [8□approx. 4.5 second (Far to Near) in manual mode]
Auto Mode	OFF / AUTO (16) / SEQ (256) / TOUR (16)

PTZ Control	Pan, tilt, zoom in / out, absolute position, and video-click-n-move
PTZ preset scheduling	Yes, via web interface
Schedule Setting	OFF / Auto Mode / Preset Position
Digital Effect	Contrast, Brightness, Saturation
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	10 simultaneous users
OSD (On-Screen Display)	Text overly for date, time, camera name, and PTZ position
Alarm event triggers	Motion/Network lost detection
Alarm event actions	FTP, SMTP, HTTP post, SD card, SAMBA
CPU	Embedded SoC ARM Cortex-A9, 600MHz
Firmware	Firmware upgrade via HTTP, and IP Scan
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45
CE	Yes
FCC	Yes FCC EMI CLASS B
OS requirement	Windows 7, Windows 8, Windows 10
RAM	256MB DDR3, 256MB flash memory
Web browser	Microsoft® Internet Explorer® 9.0 and later
CPU requirement	Intel i3 or above
RAM requirement	4GB or above, dedicated graphics card
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, SIP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Mobile phone	Supports LILIN mobile app (LILIN Viewer) in both iOS and Android versions

Video Management	ONVIF Profile S / LILIN Navigator Enterprise 1.0 and 2.0 Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX, LILIN Java Applet & HTML5
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
OS	Embedded Linux 3.10
SD Card (recording)	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA), Terminal block
IP Rating	IP66 waterproof
Vandal Resistant Rating / IK Rating	IK10
Operating temperature	-10°C - + 50°C (14°F - 122°F)
Operating humidity	0% - 90%
Dimensions	Ø120 × 106mm
Weight	770g approx.
Power Supply	DC12V ±10% , Power over Ethernet (IEEE 802.3af compliant)
PoE	IEEE 802.3af
Power Consumption	DV12V, 6 W / PoE, 7.5 W