



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
- Smart H.264 supported
- HDR function up to 100dB
- 3D Noise Reduction (MCF)
- PTZ Control
- IVS supported
- Up to 256 Programmable Preset Positions
- Auto Tracking 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 thePZD6422EX3 an impressive range. With a focal length of 3.35 mm ~ 10.05 mm, PZD6422EX3 is ideal for numerous applications.

Specifications

Model	PZD6422EX3
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)
Lens zoom ratio	3X Optical
Lens	3.35 (WIDE) – 10.05 (TELE) mm
Iris Range	F1.7(W) – F3.0(T)
Iris Control	Fixed
Minimum object distance	0.5 m (Tele)
Angle of View	(H)108.2°(W) – 32.7°(T)° (V)57.0°(W) – 18.4°(T) (D)129.2°(W) – 37.6°(T)
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]
Focus	Auto / Manual Focus
Pick Up Element	7" CMOS image sensor
Effective pixels	1920 (H) × 1080 (V) = 2,097,664 (pixels)
CE	Yes, EMI CLASS B
FCC	Yes, EMI CLASS B
IP Rating	IP67
Vandal Resistant Rating / IK Rating	IK10
Starting Temperature	-5°C – +45°C (23°F – 113°F)

Operating temperature	-10°C – +45°C (14°F – 113°F)
Storage temperature	-20°C – + 60°C (-4°F – 160°F)
Operating humidity	0% – 90%
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 6.0W / PoE, 7.5W
Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 256 Preset Position / 16 Auto Scan / Home Position
Auto Mode	OFF / SCAN(16) / SEQ(256) / TOUR(16) / PATROL(16) / Auto TRACKING
Schedule Setting	/ Auto Mode / Preset Position (via web interface)
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 – 90 °/s
Tilting Range	0° – 90°
Tilting Mode	Manual , Auto , Manual Position , Sequential Position
Tilting Speed	Manual Approx. 0.1 °/s – 60 °/s 8 Steps □ Preset Approx. 1 °/s – 60 °/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	Ø120 × 106 (H) mm
Weight	770g
Casing Material	Aluminum alloy
Window / Glass Thickness	Transparent dome cover
Live Video Output	CVBS 1.0Vp-p, 75 ohm, connector
Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA), Terminal block
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; Smart H.264
Encryption	Base64 HTTP encryption, HTTPS 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	60Hz: H.264 30 FPS @ 1920 × 1080, Motion JPEG 30 FPS @ 720 × 480 50Hz: H.264 25 FPS @ 1920 × 1080, Motion JPEG 25 FPS @ 720 × 480
Scanning System	Progressive Scan
Infrared Cut Filter	/ Day (Color) / Night (Mono) / Schedule
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Custom
Electrical Shutter	1/30(1/25)s – 1/30000s
Exposure Mode	AUTO / MANUAL
Sense Up	Off / 1 Frame / 2 Frames
Sense Up+	Yes
Auto Gain Control	42 dB Variable Gain
S / N Ratio	More than 50dB (AGC off)
3D Noise Reduction	Off / ON(1 – 32)
2D WDR	Off / Auto / x2 / x3 / x4 (by normal mode)

High Dynamic Range(HDR)	Up to 100dB (by HDR mode, 2 shutter line interleave)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip
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)
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	Motion detection, Alarm detection, Network detection
Alarm event actions	FTP, SMTP, SD card, SAMBA, Alarm Output, HTTP POST, SNMP Trap
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Network Interface/Ethernet	10Base-T / 100Base-TX, RJ-45
PTZ Control	Pan , tilt , zoom in / out , absolute position, and video-click-n-move
OSD	Text overlay for date, time, and camera name, and PTZ position
CPU.Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Network OS	Embedded Linux 3.10

Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour, 802.1x
Max number of online users	10 user accounts available
Video Display	LILIN Universal ActiveX & HTML5
