

LGNXD05ADWPTZ32X

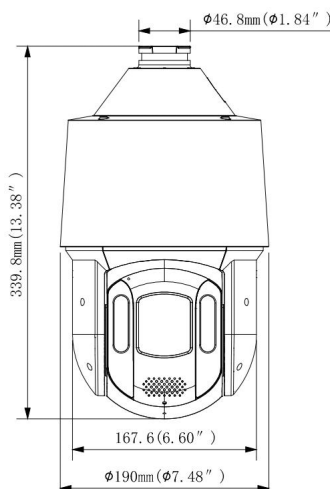
5.1 MP Active Deterrence 32x PTZ



- **High-definition imaging with a resolution of 5.1 MP**
- **Classification of human and vehicle targets through intelligent analysis**
- **Active deterrence with red and blue lighting and audible alarm**
- **IR illumination up to 200 m**
- **IP67 water and dust protection and IK10 vandal resistance**
- **Built-in microphone and speaker**
- **Includes wall mount, 36 V power supply, and mounting accessories**

Dimensions

With included accessories



*Design and specifications are subject to change without notice - Version 2026-01-23

LGNXD05ADWPTZ32X - 5.1 MP Active Deterrence 32x PTZ

Camera

Image Sensor

1/2.8" Progressive Scan CMOS

Minimum Illumination

Color: 0.005 lux @ F1.6; B/W: 0.0005 lux @ F1.6; 0 lux (IR on)

Illuminators

4 IR LEDs, 2 lasers, 4 warm light LEDs

Illumination Distance

IR: up to 200m

Warm light: up to 50 m

IR Wavelength

850 nm

IR Control

Auto / Manual

Smart IR

Supported

Starlight

Supported

Lens

Focal Length

32× optical zoom / 16× digital zoom, 4.8–154 mm

Aperture

F1.6–F4.3

Field of View

HORIZONTAL : 54.4°–2.3°

VERTICAL : 41.1°–1.7°

DIAGONAL : 67.2°–2.8°

Zoom Speed

5.66 s

Focus

Auto / semi-auto / manual

DORI - 4.8 mm

D: 109 m	O: 43.6 m	R: 21.8 m	I: 10.9 m
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DORI - 154 mm

D: 2500 m	O: 1000 m	R: 500 m	I: 250 m
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Pan & Tilt

Pan Range

360° endless

Pan Speed

0.1°–240°/s; preset 240°/s

Tilt Range

-15° to +90° (auto flip 180°)

Tilt Speed

0.1°–80°/s; preset 200°/s

Proportional Zoom

Supported

Presets

255

Power-off Memory

Supported

Patrol

32 automatic

Preset Patrol

32 patrols, up to 32 presets each

Recorded Patrol

8 patrols, up to 128 actions

Dwell Time

15 s–255 s

Home Position

Supported

3D Positioning

Supported

Compression

Video Compression

Main Stream: H.265+ / H.265 / H.264+ / H.264;

Sub Stream: H.265 / H.264 / MJPEG;

Third Stream: H.265 / H.264

H.265 Codec Profile

Main

H.264 Codec Profile

Base / Main / High

Video Bit Rate

32 Kbps–16 Mbps

Multiple Streams

Triple streams

Audio Compression

G.711A, G.711U

Audio Bit Rate

64 Kbps

Two-way Audio

Supported

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Audio Suppression Supported	Stabilization Electronic (EIS)
Sampling Rate 8 kHz	OSD Supported
U-code H.264+ / H.265+	Defog Electronic
Image	Smart Features
Maximum Resolution 5MP (2592 × 1944)	Basic Events Motion detection, video shelter
Main Stream	Smart Events Smart motion detection, line crossing, area intrusion, region entrance/exiting (human and vehicle)
50Hz 25 fps : 2592 × 1944, 2304 × 1728, 1920 × 1080, 1280 × 960, 1280 × 720	Auto Tracking Supported
60Hz 30 fps : 2592 × 1944, 2304 × 1728, 1920 × 1080, 1280 × 960, 1280 × 720	Face Detection Supported
Sub Stream	Network
25/30 fps at 704 × 576 / 704 × 480, 640 × 480, 352 × 288 / 352 × 240	Storage NAS (NFS/CIFS)
Third Stream	Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P
Image Settings	Compatibility ONVIF (Profile S, G, T), CGI
Parameters Brightness / Contrast / Saturation / Hue / Sharpness	Security User authentication, IP filtering, video mask
White Balance Supported	Users 40
Shutter Auto / Manual, 1/1 to 1/100000 s	Browsers IE10, IE11; Chrome 57+; Firefox 52+
Day / Night IR cut filter with auto switch	Mobile iOS, Android
WDR 130 dB	Active Deterrence
S/N > 56 dB	Red/Blue Light Supported
Noise Reduction 2D / 3D DNR	Sound Warning Supported
Back Light Compensation (BLC) Supported	
High Light Compensation (HLC) Supported	
Region of Interest (ROI) Supported	

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Interface

Network

1 × RJ45 10/100 Mbps

On-board Storage

Up to 512 GB

Microphone

Supported

Speaker

Supported

Audio Input / Output

1 / 1

Alarm Input / Output

2 / 1

Reset Button

Supported

General

Operating Conditions

-40 °C to 70 °C

Humidity

≤ 95% non-condensing

Power Supply

DC36V

PoE

PoE++ (802.3bt)

Power Consumption

Maximum 30 W

Protection

IP67, 6000 V lightning protection

Dimensions

Ø190 × 339.8 mm

Weight

7650 g

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Included with the camera



36 V power supply (with power cable)



Wall mount for PTZ camera

Accessoires



XLGNXC1A4
Pendant mount



XLGNXPC1B5
Corner mount



XLGNXPC2A1
Pendant mounting bracket



XLGNXPJ
Junction box with door and hinges



XLGNXKA3
NX PTZ keyboard



XLGNXPP1A8
NX PTZ pole mount