

## *8 MP Pro-X Intelligent Color Series with X-Deterrence*

# LXIP3C82NWI-28SDL



### Key Features

- Resolutions up to 8 MP (3840 × 2160) @ 30 fps
- 1/2.8" Starlight CMOS image sensor
- Min. Illumination 0.0005 Lux @ f1.0 (Color, 30 IRE), 0 Lux with illuminator on
- Built-in IR LED & warm light LED, Matrix illuminator distance up to 98 feet
- Smart encoding H.264 / H.265
- 120 dB True WDR, 3D DNR, HLC, BLC
- MD 2.0 focuses on persons & vehicles
- Smart VCA using AI algorithm
- Siren and flashing light alarm (red and blue lights)
- Built-in dual mics and speaker, supports two-way communication
- Supports alarm and audio interface
- One-touch arming / disarming through alarm input
- Built-in MicroSD card slot, up to 256 GB
- 12 VDC / PoE power supply
- IP67 protection rating
- X search

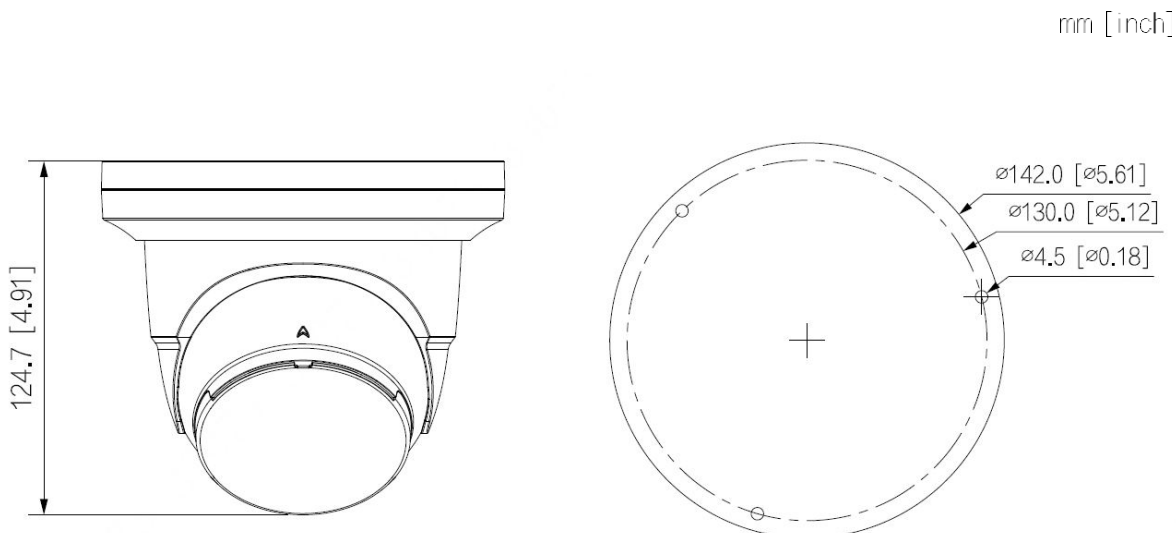
## Specifications

## LXIP3C82NWI-28SDL

Camera	
Image Sensor	1/2.8" 8Megapixel progressive CMOS
Min. Illumination	0.0005 Lux @ f1.0 (Color, 30 IRE), 0.0001 Lux @ f1.0 (B&W, 30 IRE), 0 Lux with illuminator on
Shutter Speed	Auto / Manual 1/3 - 1/100, 000 sec.
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night Imaging	Auto (ICR) / Color / B&W
Angle Adjustment	Pan: 0° - 360°, Tilt: 0° - 78°, Rotation: 0° - 360°
Lens Type	Fixed-focal 2.8 mm @ f1.0
Iris Type	Fixed
Field of View	Horizontal: 106°, Vertical: 55°, Diagonal: 125°
Close Focus Range	6.56 ft (92.0 m)
DORI	Detect: 298.56 ft (91.0 m), Observe: 119.42 ft (36.4 m), Recognize: 59.71 ft (18.2 m), Identify: 29.86 ft (9.1 m)
Illuminator	1 (IR LED), 1 (warm supp. light)
Illumination Range	98.43 ft (30 m)
Illuminator Control	Auto / Manual
Video	
Video Compression	MJPEG (only supported by sub stream), H.264, H.264H, H.264B, H.265
Smart Codec	Supported
Resolution	8 MP (3840 × 2160), 6 MP (3072 × 2048), 5 MP (3072 × 1728 / 2592 × 1944), 4 MP (2688 × 1520), 4 MP (2560 × 1440), 3 MP (2304 × 1296 / 2048 × 1536), 1080p (1920 × 1080), 1.3 MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576 / 704 × 480), VGA (640 × 480), CIF (352 × 288 / 352 × 240)
Video Frame Rates	Main stream: 3840 × 2160 @ (1 - 30 fps) Sub stream: 704 × 576 @ (1 - 25 fps), 704 × 480 @ (1 - 30 fps) Third stream: 1920 × 1080 @ (1 - 30 fps)
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rates	H.264: 32 Kbps - 8,192 Kbps H.265: 12 Kbps - 8,192 Kbps
ROI	Supported (4 areas)
Image Rotation	0° / 90° / 180° / 270° (supports 90° / 270° with 2688 × 1520 resolution or lower)
Mirror	Supported
Privacy Mask	Supported (8 areas)
Audio	
Built-in Mic	Supports dual mics
Built-in Speaker	Yes
Audio Compression	PCM, G.711 a, G.711 Mu, G.726, G.723
Intelligent Analysis	
VCA	X search, Tripwire, intrusion (supports classification and accurate detection of vehicles and persons)
MD 2.0	Yes, supports alarm triggered by vehicles and persons
Event Types	

Alarm Events	No SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, motion detection, video tampering, voltage detection, security exception, tripwire, intrusion, scene changing, audio detection, external alarm, IMD
<b>Network</b>	
Protocols	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP; NTP, Multicast, ICMP, IGMP, NFS, PPPoE, 802.1x
Interoperability	ONVIF (Profile S / Profile G / Profile T), API, P2P
Storage	FTP, SFTP, MicroSD Card (supports up to 256 G), NAS
Web Browsers	IE, Chrome, Firefox
Client	PRO-X, X-Station
<b>Interface</b>	
Audio I/O	1 channel (RCA port) in, 1 channel (RCA port) out
Alarm I/O	1 channel in: 5 mA, 3 - 5 VDC, 1 channel out: 300 mA, 12 VDC
Network	RJ-45 (10/100 Base-T)
<b>General</b>	
Power	12 VDC / PoE (802.3 af), < 10.2 W
Housing	Aluminum alloy body, except for trim ring
Dimensions	4.91 × Φ 5.61" (124.7 × Φ 142.0 mm)
Operating Conditions	-40° to 140° F (-40° to 60° C), less than 95% RH
Storage Conditions	-40° to 140° F (-40° to 60° C)
Protections	IP67
Net Weight	1.85 lb (0.84 kg)
Gross Weight	2.23 lb (1.01 kg)
Certifications	FCC

### Dimensions (mm[inch])



Accessories

LXKJB05 Junction Box	LXWM05 Wall Mount
