N5P-D 2 x 4MP LumiDeterrent Series Stitched Turret Camera

N5P-8DA2

Key Features

- 2 x 4MP Turret Housing
- 180° Stitched Multi-Sensor
- 2.8 mm Lens
- LumiDeterrent With Red/Blue Lights and Built-In Speaker
- Video Content Analytics+[1] Line Crossing, Intrusion, Loitering Detection
- iMD, LumiTracking-E

Certifications and Compliance

- NDAA Compliant
- FCC
- IC

Learn More

Learn more about this product's key technologies.

View all compatible accessories for this product.

Overview

The **N5P-8DA2** is part of Luminys's N5 mainstream series of security devices. N5 mainstream series devices are designed a with suite of advanced LumiTechnologies to meet the needs of today's evolving security market.

Key Technologies

LumiDeterrent technology integrates covert IR-only recording, full-color video using white-light LEDs, dual IR and white-light illumination, active deterrence, and AI algorithms to provide 24/7 security. This technology can accurately identify potential risks and prevent incidents with red and blue light alarms and enhanced sound alarms.

LumiTracking-E technology enhances security and efficiency using electronical tracking of people and vehicles. It uses advanced AI algorithms to monitor and predict the direction and speed of moving targets, enabling quick response to potential issues for enhanced security and smooth operation.

Specifications

Camera

Luminys Series	N5 Series (Mainstream)
Image Sensor	1/2.7-in. 4MP Progressive CMOS
Maximum Resolution	4096 × 1860
Minimum Illumination	**Color:** 0.002 Lux at F1.4 **Black/White:** 0.0002 Lux at F1.4 0 Lux With IR Light On
Number of Illuminators	**IR:** Two (2) **White Light:** Two (2)
Illuminator Control	Automatic, Manual
Maximum Illumination Distance	**IR:** Up to 25.0 m (82.0 ft) **White Light:** Up to 20.0 m (66.0 ft)
Electronic Shutter Speed	Automatic, Manual 1/3 s to 1/100,000 s
Installation Angle	**Pan:** 0° to 360° **Tilt:** 0° to 77° **Rotation:** 0° to 360°
S/N Ratio	> 56 dB

Lens

Iris Type	Fixed
Lens Type	Fixed
Focal Length	2.8 mm
Maximum Aperature	F1.4
Field of View	**Horizontal:** 180° **Vertical:** 86°
Close Focus Range`	0.8 m (2.6 ft)
DORI Distance	**Detect:** 50.6 m (166.0 ft) **Observe:** 20.2 m (66.3 ft) **Recognize:** 10.1 m (33.1 ft) **Identify:** 5.1 m (16.7 ft)

Video

Compression	Smart Encoding H.265+, H.265, Smart Encoding H.264+, H.264, MJPEG (Substream Only)
Stream Capability	Three (3) Streams
Resolution	8MP (4096 × 1860), 6MP (3632 x 1632), 4MP (3040 x 1368), 1.6MP (1920 x 860), 1200 x 530, 960 x 432
Maximum Frame Rate	**Main Stream:** 4096 × 1860 at 20 fps **Sub Stream 1:** 1200 × 530 at 20 fps **Sub Stream 2:** 1920 × 1080 at 20 fps
Video Bit Rate	**H.264:** 6 to 16384 kbps **H.265:** 6 to 16384 kbps
Bit Rate Control	CBR/VBR
Day/Night	Automatic (ICR), Color, Black and White
Light Balancing	Wide Dynamic Range (120 dB)
Noise Reduction	3D NR
Defog	Supported
Region of Interest	Four (4) Zones
Privacy Masking	Four (4) Zones

Analytics

Video Content Analytics+[1]	Line Crossing, Intrusion, Loitering Detection

Analytics

Intelligent Motion Detection	Supported With Alarms for Vehicles and Humans
LumiTracking-E	Electronically Zoom and Track Multiple Humans/Vehicles and Trigger Alarms Automatically

Audio

Compression	PCM, G.711a, G.711Mu
Interface	**Input:** Built-in Dual Microphones and One (1) RCA Port **Output:** Built-in Speaker and One (1) RCA Port

Alarm

Event	No SD Card, Disk Full, SD Card Error, Offline, IP Conflict, Illegal Access, Motion Detection, Video Tampering, Voltage Detection, Security Exception, Line Crossing, Intrusion, Scene Changing, Audio Detection, External Alarm, iMD
Interface	**Input:** One (1) Channel (3V-5VDC, 5 mA) **Output:** One (1) Channel (12 VDC, 300 mA)

Network

Protocol	RJ-45 (10/100 Base-T)
Protocol	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/G/T), API, SDK
Browser	Chrome, Firefox, Edge
Client	LumiViewer, LumiViewer Mobile App
Strorage	FTP, SFTP, NAS, Micro SD Card (Max. 256 GB)

Electrical

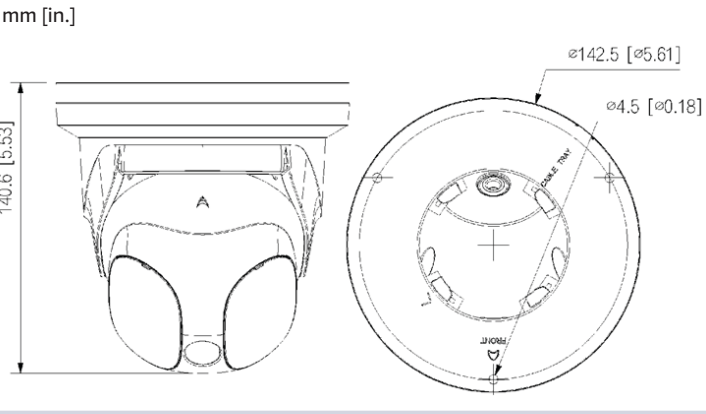|	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	**12 VDC** • **Maximum:** 8.7 W • **Normal:** 4.0 W **PoE** • **Maximum:** 10.9 W • **Normal:** 5.0 W

Construction

Net Weight	1.0 kg (2.2 lb)
Gross Weight	1.3 kg (2.8 lb)
Operating Temperature	-40 to 60 °C (-40 to 140 °F) < 95% RH (Non-Condensing)
Storage Temperature	-40 to 60 °C (-40 to 140 °F)
Protection Ratings	IP67
Dimensions	140.6 mm × Φ 142.5 mm (5.5 in. × Φ 5.6 in.)
Material	Metal

Certifications and Compliance

Certifications	FCC, IC
Compliance	NDAA

Dimensional Drawing

mm [in.]

1. This camera does not support Parking Detection.