4MP Network LumiDeterrent Turret Camera (2.8 mm)

N5T-4DA2

Key Features

- 4MP Turret Housing
- 2.8 mm Lens
- LumiLuxSmart — IR and White-Light LEDs
- LumiDeterrent With Red/Blue Lights and Built-In Speaker
- Video Content Analytics+[1] Line Crossing, Intrusion, Loitering Detection
- iMD, LumiSearch

Certifications and Compliance

- NDAA Compliance
- FCC
- IC

Learn More

Learn more about this product's key technologies.

View all compatible accessories for this product.

Overview

The **N5T-4DA2** is part of Luminys's N5 mainstream series of security devices. N5 mainstream series devices are designed with a suite of advanced LumiTechnologies to meet the needs of today's evolving security market.

Key Technologies

LumiDeterrent technology technology integrates full-color video, 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.

LumiLuxSmart technology allows cameras to capture clear, full-color video day or night. When motion is detected, LumiLuxSmart cameras switch from IR LEDs to white-light LEDs to illuminate a scene, then switch back to IR mode once motion has ceased to prevent light pollution and energy inefficiency.

LumiSearch technology lets you quickly find, track, and identify targets in security footage using a reference image. The LumiSearch+ algorithm analyzes human body shape, clothing color, and other characteristics to accurately pinpoint where a target has appeared in footage captured by any LumiSearch+-enabled camera and NVR.

Specifications

Camera

Luminys Series	N5 Series (Mainstream)
Image Sensor	1/2.7-in. 4MP Progressive CMOS
Maximum Resolution	2688 × 1520
Minimum Illumination	**Color:** 0.001 Lux (F1.0) **Black/White:** 0.0001 Lux (F1.0) 0 Lux With IR Light On
Number of Illuminators	One (1) Dual-Core (IR and White Light) LED
Illuminator Control	Automatic, Manual
Maximum Illumination Distance	**IR:** Up to 30.0 m (98.4 ft) **White Light:** Up to 30.0 m (98.4 ft)
Electronic Shutter Speed	Automatic, Manual 1/3 s to 1/100,000 s
Installation Angle	**Pan:** 0° **Tilt:** 0° **Rotation:** 0° to 360°
S/N Ratio	> 56 dB

Lens

Iris Type	Fixed
Lens Type	Fixed
Focal Length	2.8 mm
Maximum Aperature	F1.0
Field of View	**Horizontal:** 101° **Vertical:** 53° **Diagonal:** 120°
Close Focus Range`	1.5 m (4.9 ft)
DORI Distance	**Detect:** 66.0 m (216.5 ft) **Observe:** 26.4 m (86.6 ft) **Recognize:** 13.2 m (43.3 ft) **Identify:** 6.6 m (21.7 ft)

Video

Compression	Smart Encoding H.265+, H.265, Smart Encoding H.264+, H.264, MJPEG (Sub Stream Only)
Stream Capability	Three (3) Streams
Resolution	2688 × 1520 (4MP), 2560 × 1440 (4MP), 2304 × 1296 (3MP), 2048 × 1536 (3MP), 1920 × 1080 (1080p), 1280 × 960 (1.3MP), 1280 × 720 (720P), 704 × 576 (D1), 704 × 480 (D1), VGA 640 × 480 (480p), 352 × 288 (CIF), 352 × 240 (CIF)
Maximum Frame Rate	**Main Stream:** 2688 × 1520 at 30 fps **Sub Stream 1:** 704 × 576 at 30 fps, 704 × 480 at 30 fps **Sub Stream 2:** 1920 × 1080 at 30 fps
Video Bit Rate	**H.264:** 32 to 8192 kbps **H.265:** 12 to 8192 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
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 4MP Resolution and Lower)
Mirroring	Supported

Video

Region of Interest	Four (4) Zones
Privacy Masking	Eight (8) Zones

Analytics

Video Content Analytics+[1]	Line Crossing, Intrusion, Loitering Detection
Intelligent Motion Detection	Supported With Alarms for Vehicles and Humans
LumiSearch	Supported When Used With LumiSearch-Enabled NVRs

Audio

Compression	PCM, G.711a, G.711Mu, G.726, G.723
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

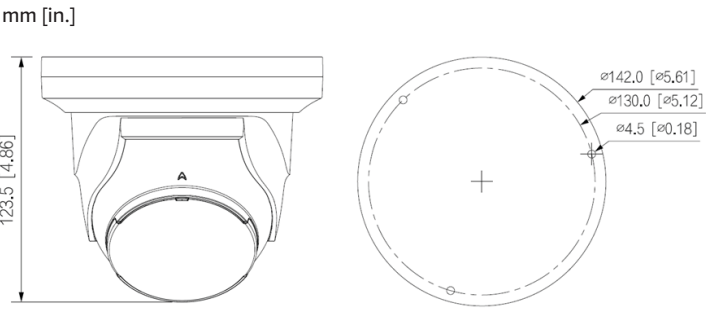|	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	**12 VDC** • **Maximum:** 8.3 W • **Normal:** 3.7 W **PoE** • **Maximum:** 8.8 W • **Normal:** 4.8 W

Construction

Net Weight	0.8 kg (1.9 lb)
Gross Weight	1.0 kg (2.2 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	123.5 mm × Φ 142.0 mm (4.9 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.