8MP Network LumiLightBand Turret Camera (2.8 mm)

N3T-8BA2

Key Features

- 8MP Turret Housing
- 2.8 mm Lens
- LumiLightBand
- LumiLuxSmart — IR and White-Light LEDs
- Video Content Analytics: Line Crossing and Intrusion
- iMD

Certifications and Compliance

- NDAA Compliant
- IC
- FCC

Learn More

Learn more about this product's key technologies.

View all compatible accessories for this product.

Overview

The **N3T-8BA2** is part of Luminys's LumiLightBand N3 Entry-Level Series.

LumiLightBand cameras offer three low-light modes: covert IR-only mode, nighttime white-light deterrent LEDs, and motion-activated IR and LED dual-illumination. The brightness and intensity of the white-light LEDs can be remotely adjusted, preventing unnecessary light pollution.

The LumiLightBand series provides smart features without unnecessary or complicated add-ons to meet the needs of today's evolving security market.

Key Technologies

LumiLightBand technology activates a camera's light strip according to a schedule, event trigger, or motion detection. When the camera's sensor detects motion, the semi-ring of colorful LEDs turn red to deter intruders. Once motion stops, the colorful LEDs return to their normal state. The lights come in eight (8) different colors and can be set to keep steady, wave, or flash for a specific amount of time.

Specifications

Camera

Luminys Series	N3 Series (Entry Level)
Image Sensor	1/2.8-in. 8MP Progressive CMOS
Maximum Resolution	3840 × 2160
Minimum Illumination	**Color:** 0.008 Lux at F1.6 (30 IRE) **Black/White:** 0.0008 Lux at F1.6 (30 IRE) 0 Lux With IR Light On
Number of Illuminators	One (1) IR LED, Two (2) White-Light LEDs Supports LumiLightBand
Illuminator Control	Automatic, Manual
Maximum Illumination Distance	**IR/Warm-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 and Rotation:** 0° to 360° **Tilt:** 0° to 78°
S/N Ratio	> 50 dB

Lens

Iris Type	Fixed
Lens Type	Fixed
Focal Length	2.8 mm
Maximum Aperature	F1.6
Field of View	**Horizontal:** 111° **Vertical:** 58° **Diagonal:** 132°
Close Focus Range`	1.5 m (4.9 ft)
DORI Distance	**Detect:** 58.2 m (190.9 ft) **Observe:** 23.3 m (76.4 ft) **Recognize:** 11.6 m (38.1 ft) **Identify:** 5.8 m (19.0 ft)

Video

Compression	Smart Encoding H.265+, H.265, Smart Encoding H.264+, H.264, MJPEG (Sub Stream Only)
Stream Capability	Two (2) Streams
Resolution	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (3072 × 1728), 5MP (2880× 1620), 4MP (2688 × 1520), 3.6MP (2560 × 1440), 3MP (2048 × 1536), 3MP (2304 × 1296), 1080p (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
Maximum Frame Rate	**Main Stream:** 3840 x 2160 at 20 fps **Sub Stream:** D1 at 20 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
Region of Interest	Four (4) Zones
Privacy Masking	Four (4) Zones

Analytics

Video Content Analytics	Line Crossing, Intrusion
Intelligent Motion Detection	Supported With Alarms for Vehicles and Humans

Audio

Compression	PCM, G.711a, G.711Mu
Interface	**Input:** Built-in Microphone

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, Audio Detection, iMD

Network

Protocol	RJ-45 (10/100 Base-T)
Protocol	IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP,RTSP, RTMP, FTP, SFTP ,NAS, DHCP,DNS DDNS, QoS, UPnP, NTP , NFS, PPPoE, SMTP, 802.1x
Interoperability	ONVIF (Profile S/G/T), CGI, SDK
Browser	Chrome, Firefox, Edge
Client	LumiViewer, LumiViewer Mobile App
Strorage	FTP, SFTP, NAS, MicroSD Card (Max. 256 GB)

Electrical

Power Supply	12 VDC, PoE (802.3af)
Power Consumption	**12 VDC:** 8.4 W (Max.), 3.2 W (Normal) **PoE:** 9.8 W (Max.), 4.3 W (Normal)

Construction

Net Weight	0.5 kg (1.1 lb)
Gross Weight	0.7 kg (1.4 lb)
Operating Temperature	-40 °C to 60 °C (-40 °F to 140 °F) < 95% RH (Non-Condensing)
Storage Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Protection Ratings	IP67
Dimensions (L × W × H)	Φ 122.0 mm × 104.7 mm (Φ 4.8 in. × 4.1 in.)
Material	Metal

Certifications and Compliance

Certifications	FCC, IC
Compliance	NDAA

Dimensional Drawing

mm [in.]