

8MP Network LumiLightBand Turret Camera (2.8 mm)

N3T-8BA2



Key Features

- 8MP Turret Housing
- 2.8 mm Lens
- LumiLightBand
- LumiLuxSmart With IR and White-Light LEDs
- Intelligent Motion Detection (iMD)
- Video Content Analytics: Line Crossing, Intrusion

Certifications and Compliance

- NDAA Compliant
- IC
- FCC

Learn More



Learn more about this camera's key technologies.



View all compatible accessories for this camera.

Overview

The **N3T-8BA2** is part of Luminys's N3 entry-level series of security devices. N3 series devices are designed with a curated selection of technologies and features to provide high-quality security without unnecessary or complicated add-ons.

Key Technologies

LumiLightBand technology activates a camera's light strip by schedule or when an event alarm is triggered. The lights come in different colors and can be set to keep steady, wave, or flash for a specific amount of time

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.

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	Two (2) IR, One (1) White-Light Supports LumiLuxSmart/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
Pan/Tilt/Zoom	Pan and Zoom: 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	H: 111° V: 58° D: 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	H.265, H.264, MJPEG (Sub Stream Only)
Stream Capability	Two (2) Streams
Resolution	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (3072 × 1728/ 2880 × 1620), 4MP (2688 × 1520), 3MP (2304 × 1296/2048 × 1536), 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 × 2160 at 1–20 fps Sub Stream: 704 × 576 at 1–25 fps, 704 × 480 at 1–30 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
Region of Interest	Four (4) Zones
Privacy Masking	Four (4) Zones

Analytics

Video Content Analytics	Line Crossing, Intrusion
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Audio

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

Alarm

Event	No SD Card, SD Card Full, SD Card Error, Network Disconnection, IP Conflict, Illegal Access, Motion Detection, Video Tampering, Voltage Detection, Security Exception, Line Crossing, Intrusion, Scene Changing, Audio Detection, iMD
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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
Client	LumiViewer, LumiViewer Mobile App
Storage	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, UL, IC
Compliance	NDAA

Dimensional Drawing

mm [in.]

