Camera Specifications - N3T-5KA2 (Kit Only)[2]
5MP LumiLuxLite Fixed Turret Network Camera (2.8 mm)

Camera

Luminys Series	N3 Series (Starter)
Image Sensor	1/2.7-in. 5MP Progressive CMOS
Maximum Resolution	2880 x 1620
Minimum Illumination	**Color:** 0.01 Lux at F1.6 (AGC On) **Black/White:** 0 Lux With IR Light On
Number of Illuminators	Four (4) White-Light LEDs, Four (4) IR LEDs, Supports LumiLuxLite
Illuminator Control	Automatic, Manual
Maximum Illumination Distance	**IR:** Up to 30.0 m (98.4 ft) **White Light:** Up to 20.0 m (65.6 ft)
Electronic Shutter Speed	Automatic, Manual 1/5 s to 1/20,000 s
Installation Angle	**Pan:** 0° to 355° **Rotation:** 0° to 360° **Tilt:** 0° to 80°
S/N Ratio	> 38 dB

Lens

Iris Type	Fixed
Lens Type	Fixed
Focal Length	2.8 mm
Maximum Aperature	F1.6
Field of View	**Horizontal:** 108.3° **Vertical:** 59.9° **Diagonal:** 126.8°

Video

Compression	H.265, H.264
Standard Codec	Supported
Stream Capability	Two (2)
Resolution	2880 x 1620, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720, D1 (704 x 576), VGA (640 x 480), CIF (352 x 288)
Maximum Frame Rate	**Main Stream:** 2880 x 1620 at 25 fps **Sub Stream:** D1 at 25 fps
Video Bit Rate	**H.265:** 128 kbps to 6,144 kbps **H.264:** 64 kbps to 1,024 kbps
Bit Rate Control	CBR/VBR
Day/Night	Automatic (ICR), Color, Black and White
Light Balancing	Digital Wide Dynamic Range (DWDR), BLC, HLC
Image Angle	0°/180°
Mirror Rotation	Supported
Privacy Masking	Four (4) Zones

Analytics[3]

Intelligent Motion Detection	Supported With Alarms for Vehicles and Humans

Audio

Compression	G.711U
Interface	**Input:** Built-In Microphone **Output:** Built-In Speaker

Alarm

Event	Motion Detection, iMD

Network

Interface	RJ-45 (10/100 Base-T)
Protocol	HTTP, TCP/IP, IPv4, DHCP, NTP
Interoperability	ONVIF (Profile S), SDK
Browser	Chrome, Firefox, Edge
Storage	FTP, SFTP, Micro SD Card (Max. 128 GB)

Electrical

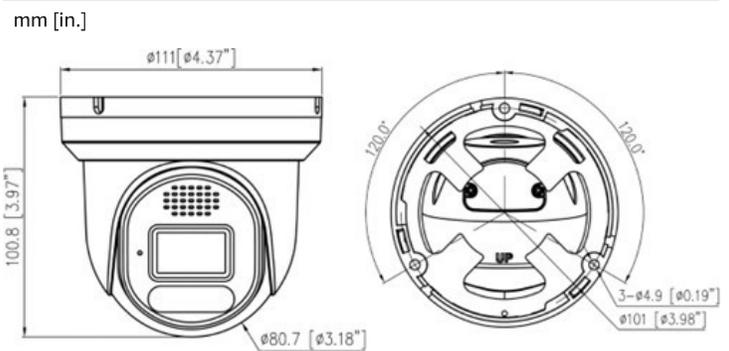|	
Power Supply	12 VDC (-15% to +25%), PoE (802.3af)
Power Consumption	**Maximum (White-Light On):** 8.5 W **Normal (IR Off):** 2.0 W

Construction

Net Weight	0.5 kg (1.0 lb)
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	< 90% RH
Protection Ratings	IP66
Product Dimensions	φ 111.0 mm × 100.8 mm (φ 4.4 in. × 4.0 in.)
Material	Metal

Certifications and Compliance

Certifications	FCC, IC
Compliance	NDAA

Dimensional Drawing

mm [in.]

Optional Accessories

Below are the optional accessories for this product. All SKUs listed must be purchased to complete an accessory combination. For more information and to see mounting combinations, please view our accessory selector at https://www.luminyscorp.com/products/accessories.

Accessory Combination	SKU(s)	Description
Horizontal Pole Mount	N3T-J02	Junction Box