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LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) SenSWIR™ Cameras

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- 400 – 1750nm Operating Wavelength Range
- Actively Aligned Image Sensor for Precise Optical Axis Alignment
- Ideal for Electronic and Agricultural Inspection, Surveillance, and More
- **REQUIRES AN [END USER STATEMENT TO BE COMPLETED BEFORE SHIPMENT](#)**

Common Specifications

General

Manufacturer:	Lucid Vision Labs	Camera Series:	Triton™
Note:	REQUIRES AN END USER STATEMENT TO BE COMPLETED BEFORE SHIPMENT		

Spectrum: SWIR

Physical & Mechanical Properties

Dimensions (mm):	44 x 29 x 45.3	Weight (g):	90
Housing:	Full		

Optical Properties

Wavelength Range (nm): 400 - 1750

Sensor

Image Buffer:	128MB	Pixel Size, H x V (μm):	5.00 x 5.00
Type of Sensor:	Progressive Scan CMOS	Shutter Type:	Global
Pixel Depth:	8/10/12/16 Bit	Exposure Time:	20.5μs - 10s
Dynamic Range (dB):	42.00	Machine Vision Standard:	GigE Vision v2.0
Electrical			
Power Consumption (W):	2.6 (External Power Supply) 3.0 (PoE)		
Hardware & Interface Connectivity			
Interface:	GigE (PoE)		
Connector:	GigE, M12	Power Supply:	Power Supply Required and Sold Separately: USA: #18-364 Europe: #18-364 Japan: #18-364 Korea: Not Available China: #18-364
GPIOs:	1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports	Synchronization:	Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)
Interface Port Orientation:	Back Panel	GPIO Connector Type:	8-pin M8
Threading & Mounting			
Mount:	C-Mount	Mounting Threads:	1⁄4-20 with Tripod Mount Adapter #29-106
Environmental & Durability Factors			
Operating Temperature (°C):	-20 to +50	Storage Temperature (°C):	-30 to +60

Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
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