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LUCID Vision Labs Triton2™ GigE Power over Ethernet (PoE) SWIR Cameras

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- Up to 5.20MP Resolution with Framrates up to 49.40FPS
- 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	Note:	REQUIRES AN END USER STATEMENT TO BE COMPLETED BEFORE SHIPMENT
Camera Family:	Triton2™ SWIR		

Physical & Mechanical Properties

Dimensions (mm):	44.0 x 29.0 x 45.3 (excludes connectors and lens mount)		
Weight (g):	90	Housing:	Full

Sensor

Image Buffer:	128	Type of Sensor:	Progressive Scan CMOS
Type of Shutter:	Global	Pixel Size, H x V (µm):	3.45 x 3.45
Pixel Depth:	8, 10, 12 bit	Exposure Time:	22.656 µs to 10 s
Dynamic Range (dB):	42	Machine Vision Standard:	GigE Vision v2.0

Electrical

Power Consumption (W):	5W via PoE, 4.5W when powered externally
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Hardware & Interface Connectivity

Video Output: 2.5GigE (PoE)

Connector: 2.5GigE, GigE, M12		Power Supply: Power Supply Required and Sold Separately: USA: #18-364 Europe: #18-365 Japan: #18-364 Korea: Not Available China: #18-365	
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			
Mounting Threads: ¼-20 with Tripod Mount Adapter		Mount: C-Mount	
Environmental & Durability Factors			
Operating Temperature (°C): -20 to +50		Storage Temperature (°C): -30 to +60	

Technical Information

Products

Type	Model Number	Camera Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
#74-322 New								
								
New								
Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!								
SWIR Camera	TRT033S-WC	1/1.8"	3.20	2.5GigE, GigE, M12	C-Mount		₹16,50,000	10 to 12 days
#74-326 New								
								
New								
Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!								
SWIR Camera	TRT053S-WC	1/1.4"	5.20	2.5GigE, GigE, M12	C-Mount		₹21,00,000	10 to 12 days

