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LUCID Vision Labs Triton™ TRI054S-CC, Sony IMX490, 5.4MP, Color Camera

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



Stock **#17-101** 7 In Stock

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1

+

S\$663⁰⁰

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Color	Spectrum:
General	
Color Camera	Type:
TRI054S-CC	Model Number:
Manufacturer:	

Lucid Vision Labs	
	Camera Series:
Triton™	
Physical & Mechanical Properties	
	Dimensions (mm):
29 x29 x45 (excludes connectors and lens mount)	
	Weight (g):
67	
	Housing:
Full	
Sensor	
	Image Buffer:
240MB	
	Sensor Format:
1/1.55"	
	Resolution (Megapixels):
5.40	
	Frame Rate (fps):
23.10	
	Pixels (H x V):
2,880 x 1,860	
	Pixel Size, H x V (µm):
3.0 x3.0	
	Sensing Area, H x V (mm):
8.64 x5.58	
	Imaging Sensor:
Sony IMX490	
	Type of Sensor:
Progressive Scan CMOS	
	Shutter Type:
Rolling	
	Pixel Depth:
10/12 bit	
	Exposure Time:
86.128µs - 10s	
	Dynamic Range (dB):
123.6	
	Machine Vision Standard:
GigE Vision v2.0	
Electrical	
	Power Consumption (W):
2.5 (External Power Supply) 3.1 (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:
¼-20 with Tripod Mount Adapter #11-474	
Environmental & Durability Factors	
	Operating Temperature (°C):

-20 to +55	Storage Temperature (°C):
-30 to +60	

Regulatory Compliance

View	Certificate of Conformance:
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Product Details

- Compact 29 x 29 x 45mm Form Factor
- Global, Rolling, or Polarized CMOS Sensors
- IP67 Protection with Optional Lens Tubes

LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) Cameras provide exceptional price performance in a compact 29 x 29mm form factor. These cameras are available with Sony's Pregius™ and Starvis™ imaging sensors with up to 24.5 megapixels of resolution, as well as Sony's polarized sensor. Each imaging sensor is actively aligned during manufacturing, ensuring sharp and crisp images even in the corners. Using the accessory IP67 lens tubes (sold separately), LUCID Vision Labs Triton GigE Power over Ethernet (PoE) Cameras can operate in harsh environments where dust or water are present up to IP67 thresholds. Triton cameras are ideal for automotive, process control, and food and beverage applications.