LUCID Vision Labs Triton2™ TRT200S-CC, Sony IMX183, 20.0MP, Color Camera

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LUCID Vision Labs Triton2™ 2.5GigE Power over Ethernet (PoE) Cameras - Front

Stock **#28-879**   **1 In Stock**

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	Spectrum:
Color	

General

	Type:
Color Camera	
	Model Number:
TRT200S-CC	
	Manufacturer:

Lucid Vision Labs

Camera Series:	
Triton2™	

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:	
128MB	
Sensor Format:	
1"	
Resolution (Megapixels):	
20.00	
Frame Rate (fps):	
9.00	
Pixels (H x V):	
5,472 x 3,648	
Pixel Size, H x V (µm):	
2.40 x 2.40	
Sensing Area, H x V (mm):	
13.13 x 8.76	
Imaging Sensor:	
Sony IMX183	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Rolling	
Pixel Depth:	
12 bit	
Exposure Time:	
0.563s - 2.5s	
Dynamic Range (dB):	
27.0	
Machine Vision Standard:	
GigE Vision v2.0	

Electrical

Power Consumption (W):	
4.5 (External Power Supply) 5.0 (PoE)	

Hardware & Interface Connectivity

Interface:	
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

Mount:	
C-Mount	
Mounting Threads:	
¼-20 with Tripod Mount Adapter	

Environmental & Durability Factors

Operating Temperature (°C):	

-20 to +55

Storage Temperature (°C):

-30 to +60

Regulatory Compliance

Certificate of Conformance:

[View](#)

Country of Origin:

Canada

Imported By:

Edmund Optics India Private Limited

Product Details

- 2.5GBASE-T (2.5GigE) Ethernet Interface
- 5.0 to 24.50 MegaPixel Sensors
- Compact 44 x 29 x 45.3mm Form Factor
- IP67 Protection with Optional Lens Tubes

LUCID Vision Labs Triton2™ 2.5GigE Power over Ethernet (PoE) Cameras provide data transfer speeds of 2.5GigE enabling high frame rates at increased resolutions. Featuring an actively aligned image sensor, these cameras are designed to minimize sensor tilt and rotation and ensure alignment of the image sensor to the lens optical axis. For harsh environments with dust or water, accessory lens tubes are available to ensure an IP67 rating. LUCID Vision Labs Triton2™ 2.5GigE Power over Ethernet (PoE) Cameras feature excellent thermal management with a wide operating temperature range from -20°C to 55°C. These cameras are ideal for automotive, process control, and food and beverage applications.

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