

LUCID Vision Labs Triton™ TRI0245S-MC, Sony IMX540, 24.5MP, Monochrome Camera

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



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Video Output:

GigE (PoE)

Type:

Monochrome Camera

Manufacturer:

Lucid Vision Labs

Mounting Threads: ¼-20 with Tripod Mount Adapter #11-474
Image Buffer: 128MB
Camera Family: Triton™
Model Number: TRI245S-MC
Imaging Sensor: Sony IMX540
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 4/3"
Resolution (MegaPixels): 24.50
Pixels (H x V): 5,320 x 4,600
Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 14.58 x 15.34
Frame Rate (fps): 4.90
Pixel Depth: 12 bit
Exposure Time: 45µs - 10s
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
Power Consumption (W): 3 (External Power Supply) 3.5 (PoE)
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)
Dimensions (mm): 29 x 29 x 45 (excludes connectors and lens mount)
Weight (g): 67
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 70.41
Operating Temperature (°C): -20 to +55
Storage Temperature (°C): -30 to +60
GPIO Connector Type: 8-pin M8
Machine Vision Standard: GigE Vision v2.0

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View

