

LUCID Vision Labs Triton™ TRI028S-MC, Sony IMX429, 2.8MP, 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: TRI028S-MC
Imaging Sensor: Sony IMX429
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 2.80
Pixels (H x V): 1,936 x 1,464
Pixel Size, H x V (µm): 4.5 x4.5
Sensing Area, H x V (mm): 8.71 x6.59
Frame Rate (fps): 42.50
Pixel Depth: 12 bit
Exposure Time: 20.5µs - 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): 2.5 (External Power Supply) 3.1 (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): 71.99
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

