LUCID Vision Labs Triton™ TRI016S-MC, Sony IMX273, 1.6MP, 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:
TRI016S-MC

Imaging Sensor:
Sony IMX273

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
1/2.9"

Resolution (MegaPixels):
1.60

Pixels (H x V):
1,440 x 1,080

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
4.97 x 3.73

Frame Rate (fps):
77.00

Pixel Depth:
12 bit

Exposure Time:
30µs - 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):
71.26

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