

LUCID Vision Labs Phoenix™ PHX016S-MC, Sony IMX273, 1.6 MP, Monochrome Camera

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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: Phoenix™
Model Number: PHX016S-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, RJ45
Power Supply: Power over Ethernet (PoE) or via GPIO with 12-24VDC Power Supply
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): 24 x 24 x 27.35 (excludes connectors and lens mount)
Weight (g): 30
Mount: C-Mount
Housing: Partial
Interface Port Orientation: Back Panel
Dynamic Range (dB): 71.42
Operating Temperature (°C): -20 to +55
Storage Temperature (°C): -30 to +60
GPIO Connector Type: 8-pin JST
Machine Vision Standard: GigE Vision v2.0

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View