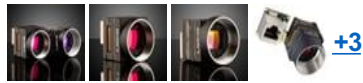


LUCID Vision Labs Phoenix™ PHX016S-MS, Sony IMX273, 1.6 MP, Monochrome Camera

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



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Video Output:
GigE (PoE)

Type:

Monochrome Camera

Manufacturer:
Lucid Vision Labs

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#11-474](#)

Image Buffer:
128MB

Camera Family:
Phoenix™

Model Number:
PHX016S-MS

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:
M12 x 0.5 (S-Mbunt)

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](#)

