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LUCID Vision Labs Phoenix™ PHX023S-MS, Sony IMX392, 2.3MP, 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:
¼-20 with Tripod Mount Adapter **#11-474**

Image Buffer:
128MB

Camera Family:
Phoenix™

Model Number:
PHX023S-MS

Imaging Sensor:
Sony IMX392

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
1/2.3"

Resolution (MegaPixels):
2.30

Pixels (H x V):
1,920 x 1,200

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
6.62 x 4.14

Frame Rate (fps):
52.00

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-Mount)

Housing:
Partial

Interface Port Orientation:
Back Panel

Dynamic Range (dB):
71.51

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