

LUCID Vision Labs Phoenix™ PHX122S-MC, Sony IMX226, 12.2MP, 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: PHX122S-MC
Imaging Sensor: Sony IMX226
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1/1.7"
Resolution (MegaPixels): 12.20
Pixels (H x V): 4,024 x 3,036
Pixel Size, H x V (µm): 1.85 x 1.85
Sensing Area, H x V (mm): 7.44 x 5.62
Frame Rate (fps): 9.70
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): 69.62
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