

LUCID Vision Labs Phoenix™ PHX004S-MNF, Sony IMX287, 0.4 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: ¼-20 with Tripod Mount Adapter #11-474
Image Buffer: 128MB
Camera Family: Phoenix™
Model Number: PHX004S-MNF
Imaging Sensor: Sony IMX287
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/2.9"
Resolution (MegaPixels): 0.40
Pixels (H x V): 728 x 544
Pixel Size, H x V (µm): 6.9 x 6.9
Sensing Area, H x V (mm): 5.02 x 3.75
Frame Rate (fps): 291.00
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: NF-Mount
Housing: Partial
Interface Port Orientation: Back Panel
Dynamic Range (dB): 74.13
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