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LUCID VISION Labs Phoenix™ PHX200S-MC, Sony IMX183, 20.0 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: PHX200S-MC
Imaging Sensor: Sony IMX183
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1"
Resolution (MegaPixels): 20.00
Pixels (H x V): 5,472 x 3,648
Pixel Size, H x V (µm): 2.40 x 2.40
Sensing Area, H x V (mm): 13.13 x 8.76
Frame Rate (fps): 6.00
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): 3 (External Power Supply) 3.5 (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): 28 x 28 x 28.4 (excludes connectors and lens mount)
Weight (g): 39
Mount: C-Mount
Housing: Partial
Interface Port Orientation: Back Panel
Dynamic Range (dB): 71.85
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