

M2450, 2/3" Monochrome, Teledyne Dalsa Genie Nano 5GigE PoE Camera

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Teledyne Dalsa Genie™ Nano 5GigE Power over Ethernet (PoE) Cameras (Front)



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Video Output:

5GigE (PoE)

Type:

Monochrome Camera

Manufacturer:

Teledyne Dalsa

Mounting Threads: ¼-20 with Tripod Mount Adapter #34-966
Image Buffer: 450MB
Camera Family: Genie Nano-5GigE
Model Number: Nano-5G-M2450
Imaging Sensor: Sony IMX250
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 5.10
Pixels (H x V): 2,464 x 2,056
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 8.5 x 7.09
Frame Rate (fps): 121.00
Pixel Depth: 8 bit
Exposure Time: Automatic, Programmable, or via External Trigger
Connector: 5GigE, RJ45 with Screw Locks
Power Supply: Power over Ethernet (PoE) or via GPIO
Power Consumption (W): 9.4 - 9.6
GPIOs: 2 digital input, 3 digital output
Synchronization: Hardware Trigger (GPIO), Software Trigger, Free-Run, or PTP (IEEE 1588)
Dimensions (mm): 59 x 44 x 42.6 (includes connectors and lens mount)
Weight (g): 124
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 76.46
Operating Temperature (°C): -20 to +65
Storage Temperature (°C): -40 to +80
GPIO Connector Type: 10-pin Samtec
Machine Vision Standard: GigE Vision v2.0

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View