
Camera for vicosys® - Prosilica GT2000NIR

Short description: GigE-Camera, mono (NIR), C-Mount, 2.2 MP,
2,048 x 1,088 Pixel, 2/3"

Order number: 3-12-742



Characteristics

- GigE area scan camera for industrial applications
 - 2/3" sensor with resolution of 2,048 x 1,088 (mono NIR)
 - industrial GigE Vision interface with Power over Ethernet
 - standard housing with class IP30
 - compatible with C-Mount lenses
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Technical data

Sensor Specification

Sensor name	CMOSIS/ams CMV2000
Spectrum	NIR (mono)
Shutter technology	Global Shutter
Sensor format	2/3"
Sensor diagonal [mm]	12.75
Total resolution [Pixel]	2,048 x 1,088
Total pixel [MP]	2.2
Pixel size [µm]	5.5
Sensor technology	CMV
Sensor alternatives (same technology)	CMV4000 (doubled height)

Camera Specification

Family	Allied Vision Prosilica GT
Type	Areascan Camera
IR blocking filter	no
LAN speed [MBit/s]	1000
Protection class	IP30
Frame rate [fps]	53.7

General Information

POE	yes
Lens Mount	C-Mount
Weight [g]	210
Housing dimensions	74 mm x 53 mm x 33 mm

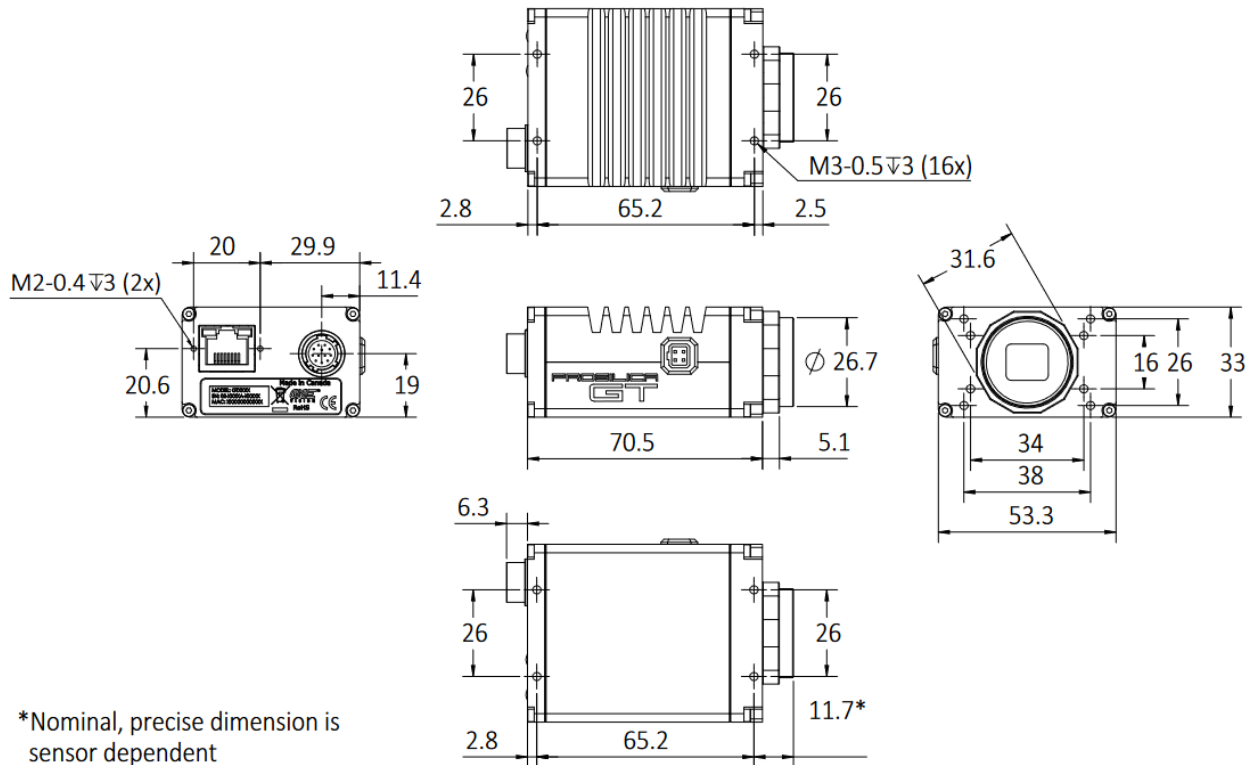
Accessories for Cameras for Multi-Camera Systems - Prosilica GT2000NIR

Order number	Title	Description
Ethernet Cables for Cameras		
4-40-320	Ethernet-Allied-D-1m	Ethernet Cable for Allied Cameras, drag chain suitable, 1m
4-40-325	Ethernet-Allied-D-30m	Ethernet Cable for Allied Cameras, drag chain suitable, 30m
4-40-324	Ethernet-Allied-D-20m	Ethernet Cable for Allied Cameras, drag chain suitable, 20m
4-40-323	Ethernet-Allied-D-10m	Ethernet Cable for Allied Cameras, drag chain suitable, 10m
4-40-322	Ethernet-Allied-D-5m	Ethernet Cable for Allied Cameras, drag chain suitable, 5m
4-40-321	Ethernet-Allied-D-3m	Ethernet Cable for Allied Cameras, drag chain suitable, 3m
4-40-319	Ethernet-Allied-10m	Ethernet Cable for Allied Cameras, 10m
4-40-318	Ethernet-Allied-5m	Ethernet Cable for Allied Cameras, 5m
4-40-317	Ethernet-Allied-3m	Ethernet Cable for Allied Cameras, 3m
POE Injector		
4-40-341	POE-TI-IG30	POE injector for all Gigabit Ethernet Cameras
4-40-339	POE-LACPI30	POE injector for Allied GigE Cameras
4-40-338	POE-TL-POE150S	POE injector for Allied GigE Cameras
Power Supply		
4-40-334	Netzteil-HR10-10P-12S	Power Supply for Prosilica and Manta Cameras
Trigger Cables		
4-40-303	SPS-Power-Kabel-HR10-AVT-2m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 2m
4-40-311	SPS-Power-Kabel-HR10-AVT-10m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 10m
4-40-310	SPS-Power-Kabel-HR10-AVT-5m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 5m

Order number	Title	Description
4-40-306	Buchse-HR10LP-10S-12S	Connector Hirose angled for Prosilica, Goldeye and Manta Cameras
4-40-305	Buchse-HR10P-10S-12S	Connector Hirose straight for Prosilica, Goldeye and Manta Cameras
4-40-304	SPS-Power-Kabel-HR10-AVT-3m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 3m

Drawings

Prosilica GT1290, GT1380, GT1600, GT2000, GT2050, GT2450, GT2460



Dimensional drawing in mm