
Camera for vicosys® - GV-51N0CP-C-HQ Rev.2.2

Short description: GigE-Camera, color, C-Mount, 16 MP, 5,328 x 3,040 Pixel, 1.1"

Order number: 3-12-779



Characteristics

- GigE area scan camera for industrial applications
 - 1.1" sensor with resolution of 5,328 x 3,040 (color)
 - industrial GigE Vision interface with Power over Ethernet
 - economic compact design (49 mm x 29 mm x 29 mm) with protection class IP30
 - compatible with C-Mount lenses
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Technical data

Sensor Specification

Sensor name	Sony IMX542
Spectrum	VIS (color)
Shutter technology	Global Shutter
Sensor format	1,1"
Sensor diagonal [mm]	16.78
Total resolution [Pixel]	5,328 x 3,040
Total pixel [MP]	16
Pixel size [µm]	2.74
Sensor technology	Pregius S
Sensor alternatives (same technology)	IMX530 (more vertical resolution)

Camera Specification

Family	IDS CP-Serie
Type	Areascan Camera
LAN speed [MBit/s]	1000
Protection class	IP30
Frame rate [fps]	8

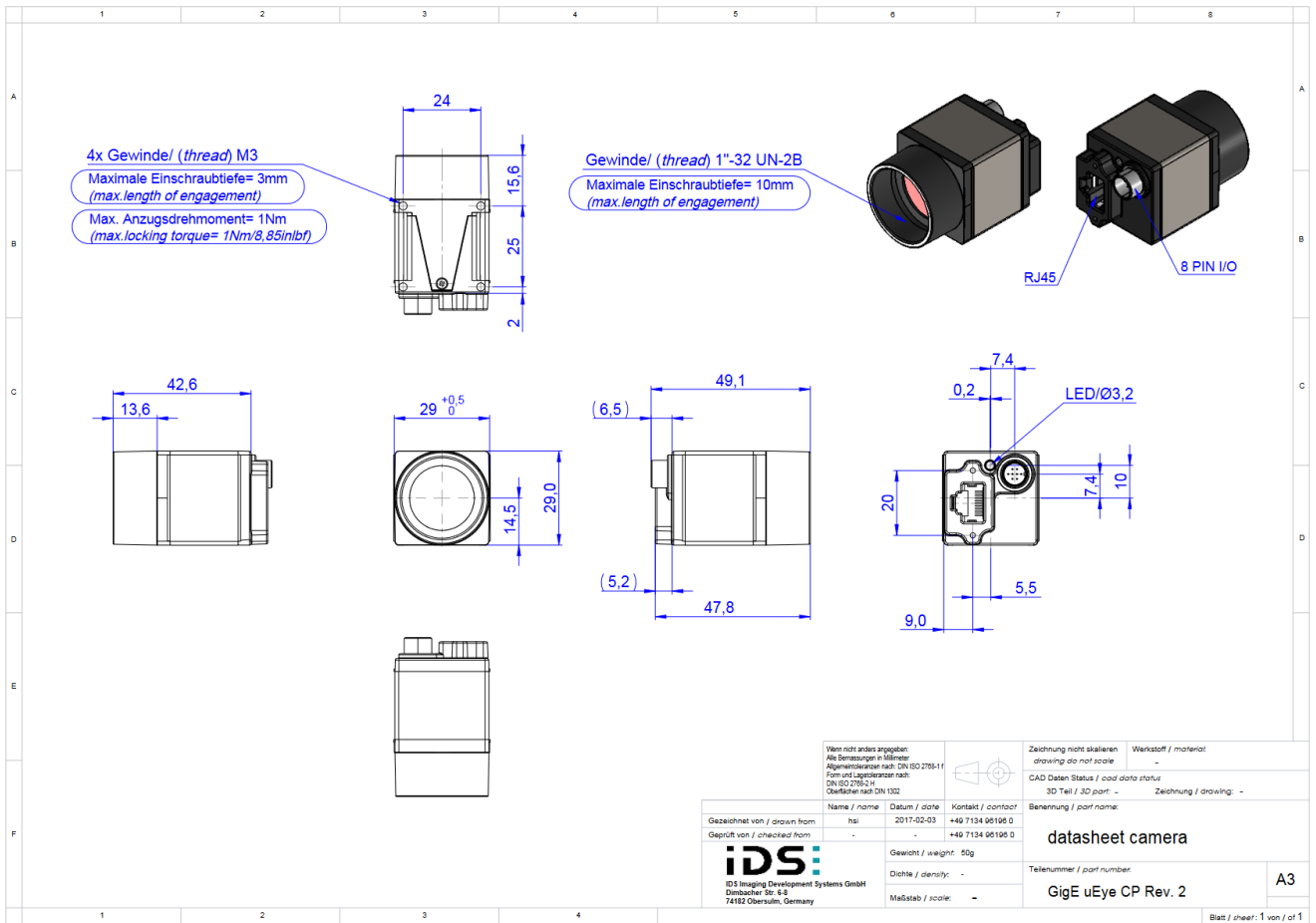
General Information

POE	Yes
Lens Mount	C-Mount
Weight [g]	53
Housing dimensions	49 mm x 29 mm x 29mm

Accessories for Cameras for Multi-Camera Systems - GV-51N0CP-C-HQ Rev.2.2

Order number	Title	Description
<i>POE Injector</i>		
4-40-341	POE-TI-IG30	POE injector for all Gigabit Ethernet Cameras
<i>Ethernet Cables for Cameras</i>		
4-40-347	Ethernet-Kabel-RJ45-IDS-15m	Ethernet Cable for CP and SE Series, 15m
4-40-370	Ethernet-Kabel-RJ45-IDS-5m	Ethernet Cable for CP and SE Series, 5m
4-40-351	Ethernet-Kabel-RJ45-S-IDS-10m	Ethernet Cable for CP and SE Series, 10m
4-40-356	Ethernet-Kabel-RJ45-S-IDS-5m	Ethernet Cable for CP and SE Series, 5m
4-40-349	Ethernet-RJ45-NS-IDS-D-5m	Ethernet Cable for CP and SE Series, drag chain suitable, 5m
4-40-378	Ethernet-RJ45-S-IDS-D-10m	Ethernet Cable for CP, SE and WARP10 Series, drag chain suitable, 10m
4-40-354	Ethernet-RJ45-SF-UTP-IDS-10m	Ethernet Cable for CP and SE Series, 10m
4-40-350	Ethernet-RJ45-Schraub-IDS-D-5m	Ethernet Cable for CP, SE and WARP10 Series, drag chain suitable, 5m,
<i>Power Supply</i>		
4-40-373	POE-Injektor-IDS	POE-Injektor for IDS Cameras
<i>Trigger Cables</i>		
4-40-374	Power-Kabel-HR25-IDS-5m	Power Cable for CP- and SE Series, 5m, shielded
4-40-345	SPS-Power-Kabel-HR25-IDS-D-5m	I\O Cable for CP and SE Series, for drag chain, All Signals Connected, 5m
4-40-346	SPS-Power-Kabel-HR25-IDS-8m	I\O Cable for CP and SE Series, All Signals Connected, 8m
4-40-372	SPS-Power-Kabel-HR25-IDS-10m	I\O Cable for CP and SE Series, All Signals Connected, 10m
4-40-377	Trigger-Kabel-HR25-IDS-5m	Trigger Cable for CP and SE Series, 10m
<i>Mounting Plates</i>		
4-40-352	Tripod-Mount-CP-IDS	CP Mounting Plate

Drawings



Dimensional drawing in mm