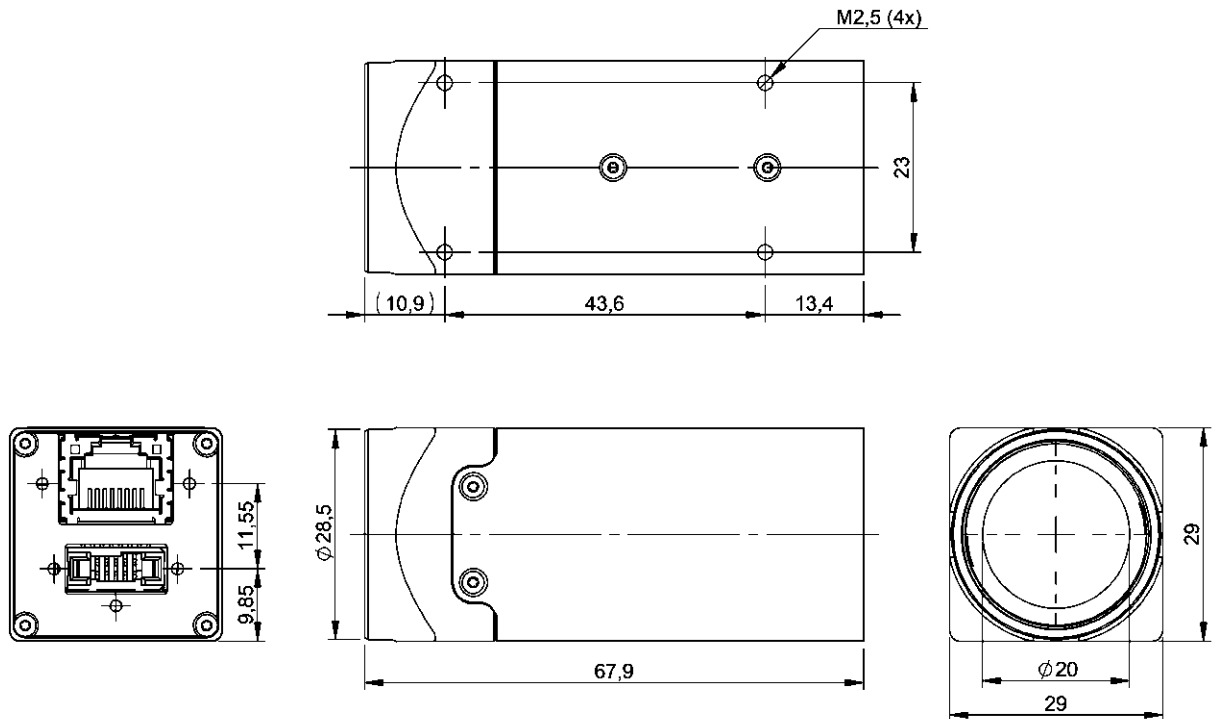




Basic features

Application	GigE industrial camera
Approval/Conformity	CE UKCA cULus WEEE FCC
Standards	IEEE 802.3af EMVA 1288 GigE Vision GenICam
Version	5 GigE Vision industrial camera

Electrical connection

Connection 1	GigE-Bus: RJ45-Female, 8-pin
Connection 2	Power/ IO: Samtec SFM-Male, 10-pin
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

Operating voltage U_b	10...28 VDC PoE
Power consumption	≤ 4.5 W

Environmental conditions

Ambient temperature	0...45 °C
IP rating	IP40
Relative humidity	20...80%
Storage temperature	-20...60 °C

Functional Characteristics

Trigger Modi	Free run Hardware trigger Software trigger
Wave length	400...1700 nm VIS SWIR

Interface

Digital inputs	2x PNP galvanically isolated
Digital outputs	PNP high side 2x NPN low side
Interface	Gigabit Ethernet, POE RS232 5G / 2,5G Base-T-Ethernet

Material

Housing material	Aluminium, Powder coated, Painted
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Mechanical data

Dimension	29 x 29 x 67.9 mm
Lens mount	C-Mount
Mounting part	Threads
Weight	70 g

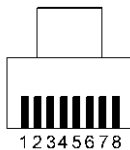
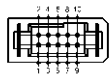
Optical features

Aspect ratio	4:3
Binning	1x1...16x16 *
Chroma	Monochrome
Decimation	1x1...16x16 *
Exposure time	10 µs...20 s *
Filter	Without filter, without protective glass
Frame rate	max. 158.9 fps
Image formats	Mono8 Mono12Packed Mono16
Image resolution	3.21 MP (2080 x 1544 pixels)
Pixel size	3.45 x 3.45 µm
Sensor chip	Sony IMX993
Sensor type Vision	1/1.8" global shutter CMOS

Remarks

Goods subject to export authorization according to Art. 3 of regulation (EU) 2021/821 for deliveries outside the European Union. Control regime 6A003b.
Not included in scope of delivery: Camera lens, filter, light, connection cable, power supply
* Refer to manual for exact values

Connector Drawings



- PIN 1: BI_DA+
- PIN 2: BI_DA-
- PIN 3: BI_DB+
- PIN 4: BI_DC+
- PIN 5: BI_DC-
- PIN 6: BI_DB-
- PIN 7: BI_DD+
- PIN 8: BI_DD-