

CS 50 BM2-2-ES-G1

Vision Sensor - CS 50

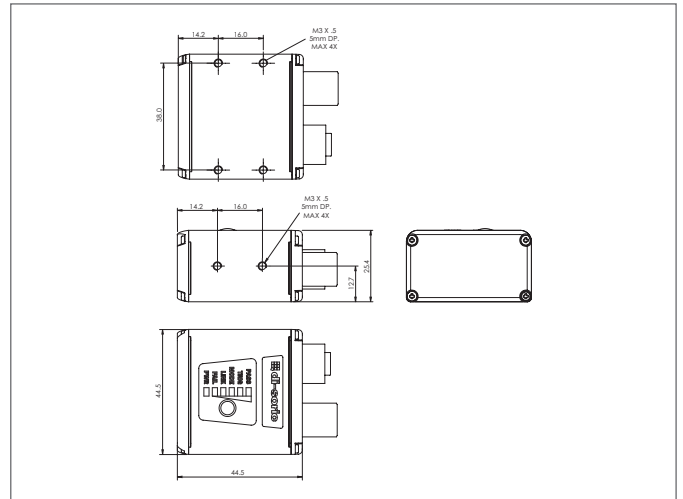


- Highest performance with up to 2520 inspections per minute
- Image export via FTP
- Internal LEDs, filter, polarizer field exchangeable
- Multiple detections and measurements
- Profinet / Ethernet- / TCP-IP / RS 232
- Multi-language and intuitive software
- Shape- and presence detection, positioning counting & logic
- Wear-free autofocus integrated
- Two focal lengths in one unit, switchable via click-zoom
- Compact design and low weight
- Practically unlimited number of jobs possible



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.
These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Model		CS 50
Size		44.5 x 44.5 x 25.4 mm (Dimensions)
Design		cuboid design
Number of inputs/outputs		1/3
Service voltage		4,75 ... 30 V DC
Internal power consumption		150 mA, (24 V DC)
Control buttons		1
Resolution		640 x 480 pixel, global shutter
Working distance		50 ... 300 mm
Switching output		max. 100 mA per output, opto-isolated (current limited by user)
Interface		RS 232, Ethernet / TCP / IP, Profinet
Speed of parts		2.520 ppm
External trigger input		off = < 1,0 V (Input ON) on 0 > 2,0 V (Input OFF)
Inspection functions		Shape recognition, Presence, Measurement, Counting, Logic
Configuration		Internal trigger, External trigger input, PC Software Setup, Logic for user-defined outputs, Highest resolution (640 x 480), Free running
Lighting changeable		yes (red / white / blue / IR)
Ambient temperature		0 ... +40 °C
Protection class		IP 65, IP 67
Protection degree		III, operation on protective low voltage
Casing material		Aluminium black
Focal length		5 mm / 10 mm

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TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Protocols		Ethernet / IP, RS 232, TCP-IP, Profinet
Weight		68 g
Interne Beleuchtung		High Power red
Image		sw / VGA
Number of jobs		Unlimited (1,4 GB), 1-255 in operation with ProfiNet
Shutter time		66 ... 58.825 µsec