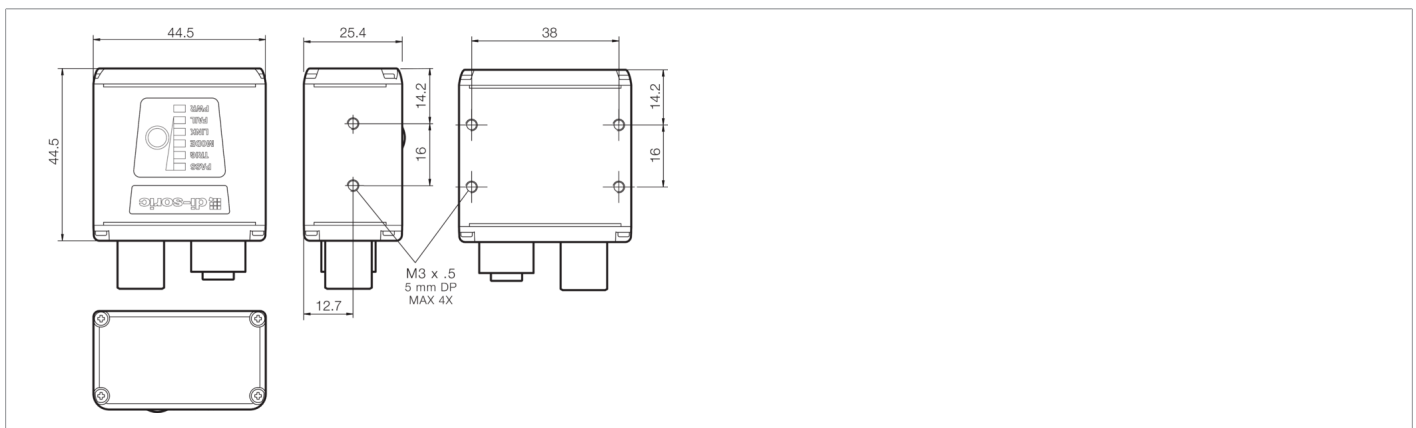







**210506**  
**CS 50 BM2-4L-ES-G1**  
**CS 50 Vision Sensor**

- Outstanding performance at up to 2,520 checks / minute
- Image export over FTP
- Interchangeable light, filter and polarizer
- Profinet, Ethernet/IP, TCP/IP, RS232
- Part detection, presence, measurement, positioning, counting and logic
- Wear-free autofocus integrated
- Two focal lengths in one device, switched via click-zoom
- Compact design and low weight
- Practically unlimited number of jobs possible



Function										
										  

Technical data (typ.)	+20°C, 24 V DC
Service voltage	4.75 ... 30 V DC
No-load current (max.)	150 mA (24 V DC)
Housing dimensions	44.5 x 44.5 x 25.4 mm
Housing material	Aluminum (Black)
Weight	68 g
Protection class	III, operation on protective low voltage
Approvals	UL
Model	CS 50
Design	Cuboid design
Inspection tasks	Parts recognition, Presence, Measurement, Counting, Logic
Features	Internal trigger, External trigger input, PC software setup, Logic for user-defined outputs, Highest resolution (640 x 480), Free running
Number of jobs	Unlimited (1.4 GB), 1-255 for operation with Profinet
Internal lights	High power red, other light colors available as accessories
Number of inputs/outputs	1/3 (binary)
Trigger input high level	> 2.0 V (on)
Trigger input low level	< 1.0 V (off)
Switching output	< 100 mA (Per output, opto-isolated, power limitation via customer)
Interface	<ul style="list-style-type: none"> <li>■ RS232</li> <li>■ Ethernet</li> <li>■ Digital Input/Output</li> </ul>
Protocols	EtherNet/IP, Profinet, TCP/IP, FTP
Focal length	16 mm, 32 mm
Exposure time	66 ... 58825 µs



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<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Resolution	640 x 480 Pixel (Global shutter, VGA / sw)
Working distance	100.0 ... 2000 mm
Operating elements	1
FPS - Frames Per Second (max.)	42 images/second
Ambient temperature during operation	0 ... +40 °C
Protection type	IP 65 / IP 67
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/210506">https://www.di-soric.com/210506</a></b>