Mech-Eye LOG M

DATASHEET

Mech-Eye LOG M

With a **working distance of 800 mm - 2,000 mm** and a **calibration accuracy of 0.3 mm**, the LOG M camera covers a wide range of industrial applications with a medium field of view very well.

Specifications

The LOG M is ideal for applications such as bin picking, sorting & picking, palletizing & depalletizing, and component localization.
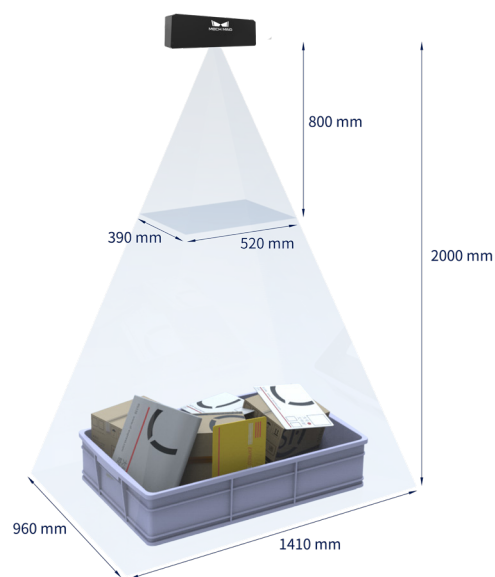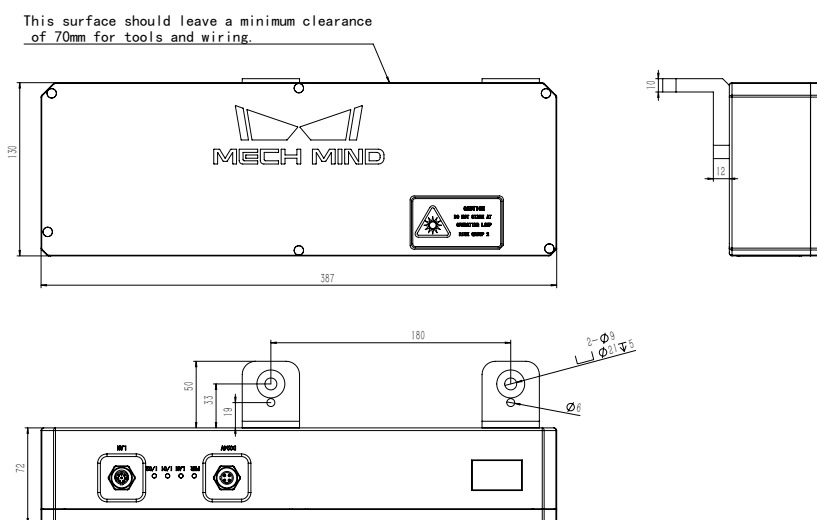
Scope of delivery

LOG M Camera

Power - M12, 4-pin, A-coded to EU 230 (10 m) *

Data -   M12, 8-pin, A-coded to RJ45 (10 m) *

*further cable lengths are available

800 mm

390 mm 520 mm 2000 mm

960 mm 1410 mm

Technical drawing

This surface should leave a minimum clearance of 70mm for tools and wiring.

130

387

180

50

33

19

72

2-Ø9
Ø14↧5

Ø6

10

12

Technical data

Optimal scanning range	800 - 2,000 mm
Min. FOV	520 x 390 mm @ 0.8 m
Max. FOV	1,410 x 960 mm @ 2 m
Resolution	1,280 x 1,024 px (1.3MP)
Sensor type	CMOS (RGB)
Projector	structured light (LED)
Z Repeatability	0.3 mm @ 2 m
Calibration accuracy	0.3 mm @ 2 m
Typical capture time	0.3 - 0.5 s
Baseline	280 mm
Dimension	387 x 72 x 130 mm
Weight	2.4 kg
Working temperature	0 - 45 °C (max. gradient 10°/hour)
Interface	GigE, C++, C#, Python, ROS
Connectors	M12, 8-pin, A-coded (F) - Data
	M12, 4-pin, A-coded (F) - Power
Power supply	24V DC / 3.75A
Certification	CE/FCC/VCCI
Protection class	IP65
Cooling	Passive

MECH MIND

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