



Mech-Eye Pro M Enhanced

DATASHEET



Mech-Eye Pro M Enhanced



For applications requiring even more accurate calibration, the Pro M Enhanced with a **working distance of 800 mm - 2,000 mm** and a **calibration accuracy of 0.2 mm** provides an optimal solution.

Specifications

The Pro M Enhanced is ideal for applications such as bin picking, sorting & picking, palletizing & depalletizing, and component localization.

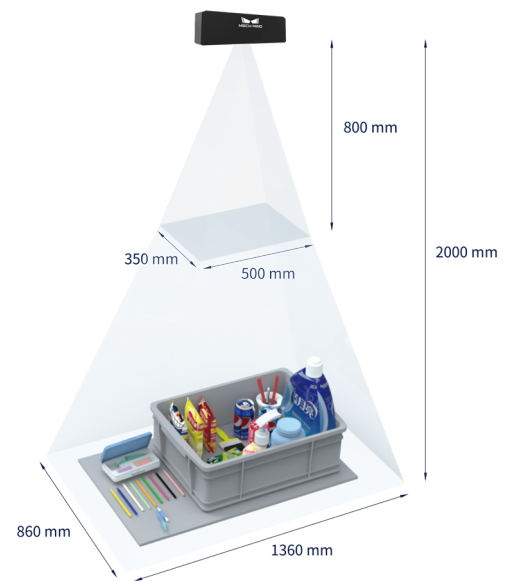
Scope of delivery

Pro M Enhanced Camera

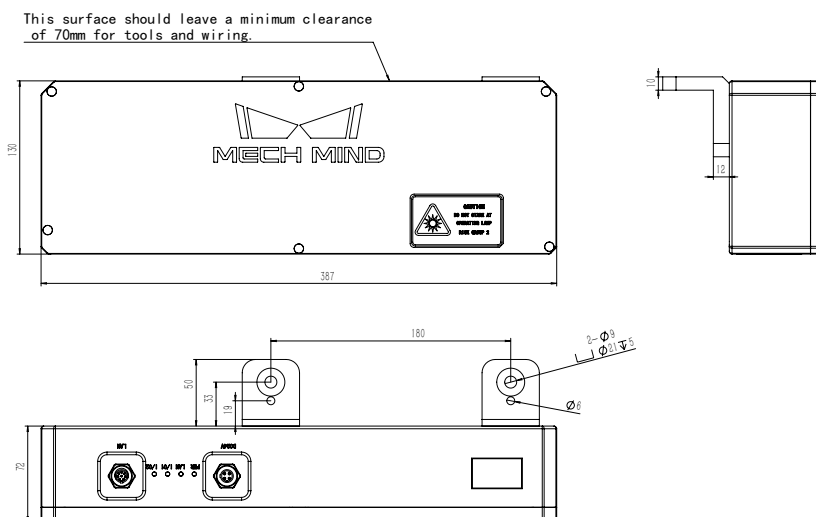
Power - M12, 4-pin, A-coded to EU 230 (10 m) *

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

*further cable lengths are available



Technical drawing



Technical data

Optimal scanning range	800 - 2,000 mm
Min. FOV	500 x 350 mm @ 0.8 m
Max. FOV	1,360 x 860 mm @ 2 m
Resolution	1,920 x 1,200 px (2.3MP)
Sensor type	CMOS (RGB/Monochrome)
Projector	structured light (LED)
Z Repeatability	0.2 mm @ 2 m
Calibration accuracy	0.2 mm @ 2 m
Scanning time	0.5 - 1.3 s
Baseline	280 mm
Dimension	387 x 72 x 130 mm
Weight	2.4 kg
Operating time	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
Certification	CE/FCC/VCCI
Protection class	IP65
Cooling	Passive



 www.mech-mind.de

 hello@mech-mind.de