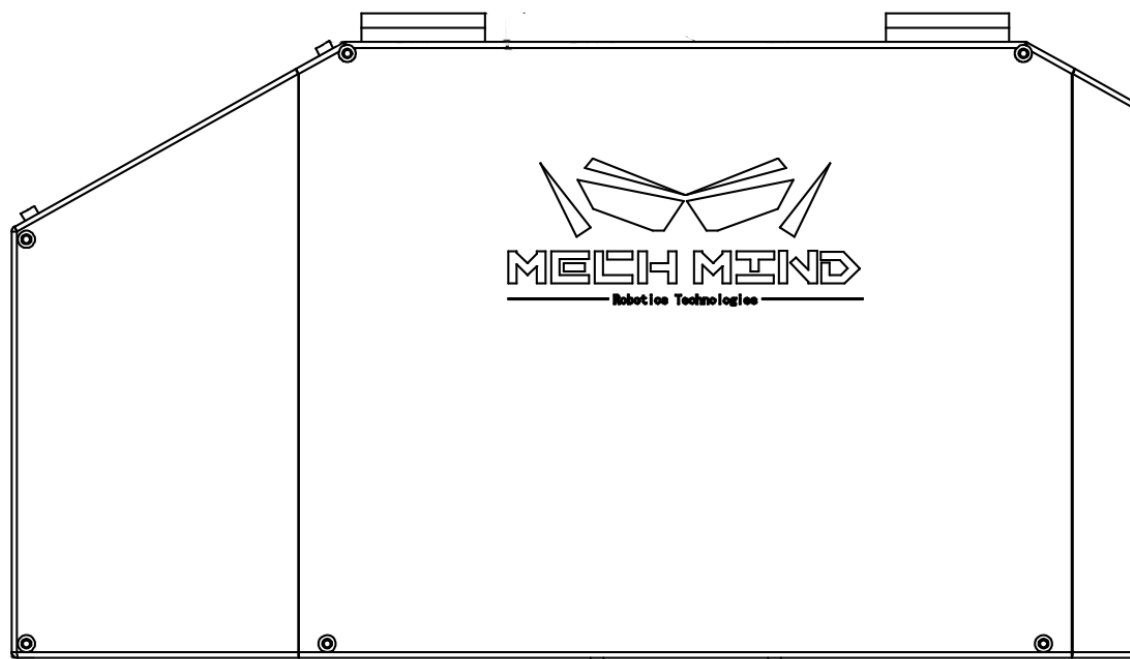




Datasheet Mech-Eye Cameras

Mech-Mind Pro L



Mech-Eye Cameras

Mech-Eye Pro L



Our cameras consist out of an alluminum alloy shell, which is characterized by a solid structure and can therefore be used in industrial environments over a long term.

All cameras have passed an endurance test of 10,000 hours, which qualifies them as stable and reliable. **With a working range of 1200 mm - 3500 mm and a calibration accuracy of 3.0 mm**, the Pro L covers the requirements of the industrial industry very well. Especially in scenarios that require a large working range.

Further specifications

The Pro L camera is suitable for applications such as palletizing, depalletizing from mesh boxes and euro pallets.

What defines our cameras



High stability



Low-cost



Efficient

Different applications require different cameras. Our Mech-Eye Cameras are available in different sizes and configurations.

Mech-Eye Cameras

Technical data Pro L

Optimal scanning range	1200 - 3500 mm
Min. FOV (mm)	1000 x 1170 @ 1.2 m
Max. FOV (mm)	2910 x 3360 @ 3.5 m
Resolution (px)	2048 x 1536
CMOS sensor	3.0 MP
CMOS type	RGB
Projector	structured LED light
Calibration accuracy	+/- 3.0 mm @ 3.0 m
Scanning time	0.9 - 1.3 s
Baseline	400 mm
Dimension	470 x 105 x 215 mm
Weight (kg)	5
Processor	NVIDIA Pascal™ 1 TFLOPS with 256 NVIDIA® CUDA® Cores
Operating temperature	0 - 45 °C (max. gradient 10°/hour)
Interface	Ethernet
Power supply	12V DC
Certification	CE/FCC/VCC
Protection class	IP65
Cooling	Passive

Mech-Eye Cameras

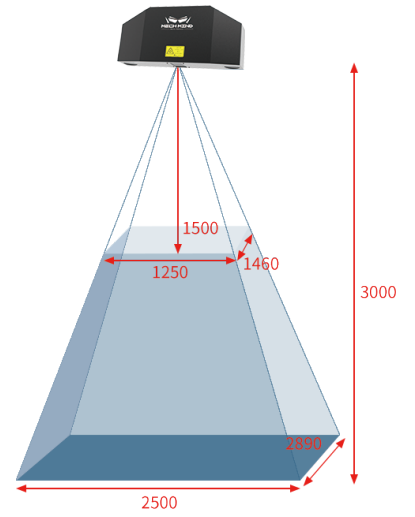
Equipment Pro L

Camera + Equipment

Pro L Camera + one calibration plate

Power cable - EU220V (option between 5 m - 30 m)

RJ45 network cable + M12 Aviation Plug network connection



Connection description

Height space no less than 70mm
from this face for tool and wiring

