

Mech-Eye LOG Industrial 3D Cameras



Medium-range working distance
Made for typical logistics scenarios



Fast



Cost-effective



Compact & lightweight



Open & intuitive



Industry ready

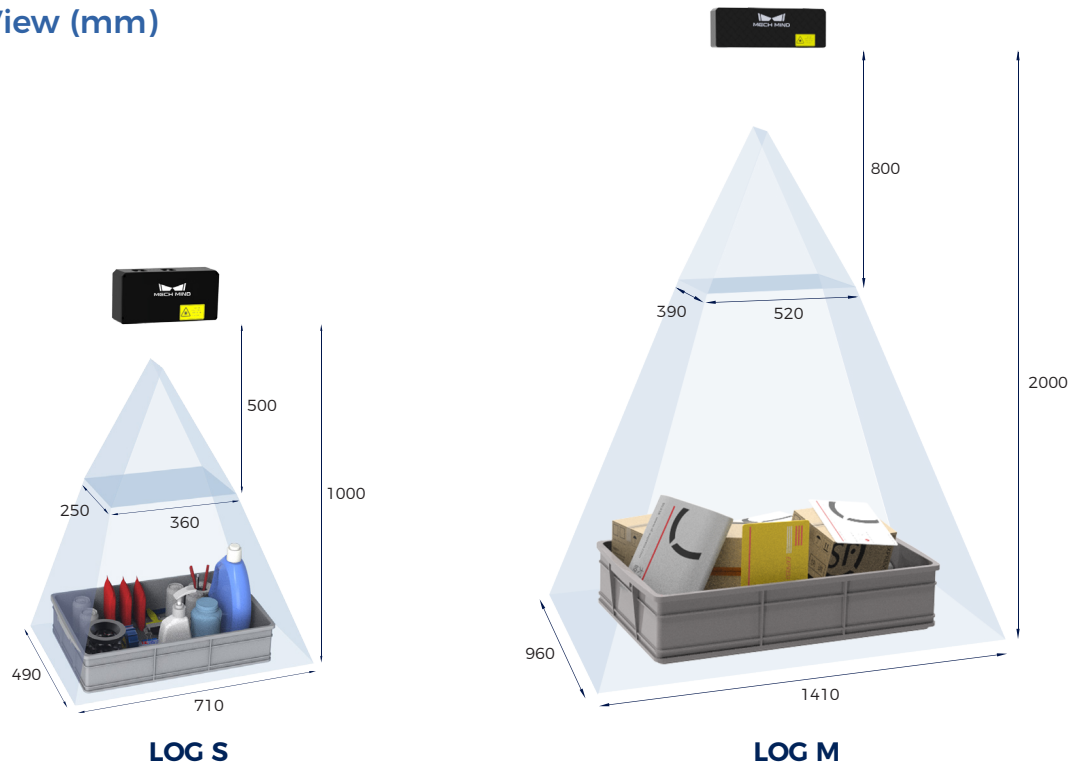
Specifications

	LOG S	LOG M
Recommended working distance:	500-1000 mm	800-2000 mm
Near FOV:	360 × 250 mm @ 0.5 m	520 × 390 mm @ 0.8 m
Far FOV:	710 × 490 mm @ 1.0 m	1410 × 960 mm @ 2.0 m
Resolution:	1280 × 1024	1280 × 1024
Megapixels:	1.3 MP	1.3 MP
Point Z-value repeatability (σ) ^[1] :	0.1 mm @ 1.0 m	0.3 mm @ 2.0 m
Measurement accuracy (VDI/VDE) ^[2] :	0.2 mm @ 1.0 m	0.3 mm @ 2.0 m
Typical capture time:	0.3-0.5 s	0.3-0.5 s
Baseline:	150 mm	280 mm
Dimensions:	270 × 72 × 130 mm	387 × 72 × 130 mm
Weight:	2.2 kg	2.4 kg
Operating temperature:	0-45°C	0-45°C
Communication interface:	Gigabit Ethernet	Gigabit Ethernet
Input:	24 V DC, 3.75 A	24 V DC, 3.75 A
Safety and EMC:	CE/FCC/VCCI	CE/FCC/VCCI
IP rating:	IP65	IP65
Cooling:	Passive	Passive
Light source:	White LED (RG2)	White LED (RG2)

[1] One standard deviation of 100 Z-value measurements of the same point. The measurement target was a ceramic plate.

[2] According to VDI/VDE 2634 Part II.

Field of View (mm)



Point Clouds

Under typical ambient light in the logistics scenarios, Mech-Eye LOG can create complete, full-color and detail-rich point clouds of typical items, such as cartons, foam boxes, poly bags, envelopes, etc.



▲ Point clouds captured under typical light conditions.

Application Scenarios

Mech-Eye LOG has been widely applied in various logistics scenarios, such as parcel induction, medical carton sorting, and piece picking. The applications span many industries, including 3PL, e-commerce, retail and medical.



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