Mech-Eye LOG Industrial 3D Camera

Fast and High-quality Imaging for Typical Logistic Scenarios

High Precision / High Stability /

Easy Integration / Competitive Price

Specification

|	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:	Approx. 150 mm	Approx. 280 mm
Dimensions:	Approx. 270 × 72 × 130 mm	Approx. 387 × 72 × 130 mm
Weight:	Approx. 2.2 kg	Approx. 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)
Image Sensor:	Other high-performance CMOS for high-end machine vision	Other high-performance CMOS for high-end machine vision

[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.

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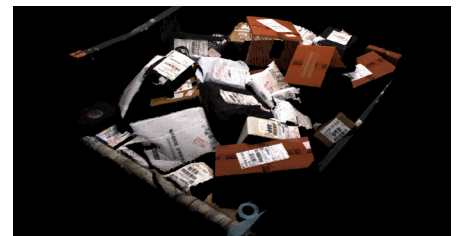## Fast and High-quality Imaging for Typical Logistic Scenarios

Field of View (mm)

LOG S

500
1000
250
360
490
710

LOG M

800
390
520
1000
960
1410
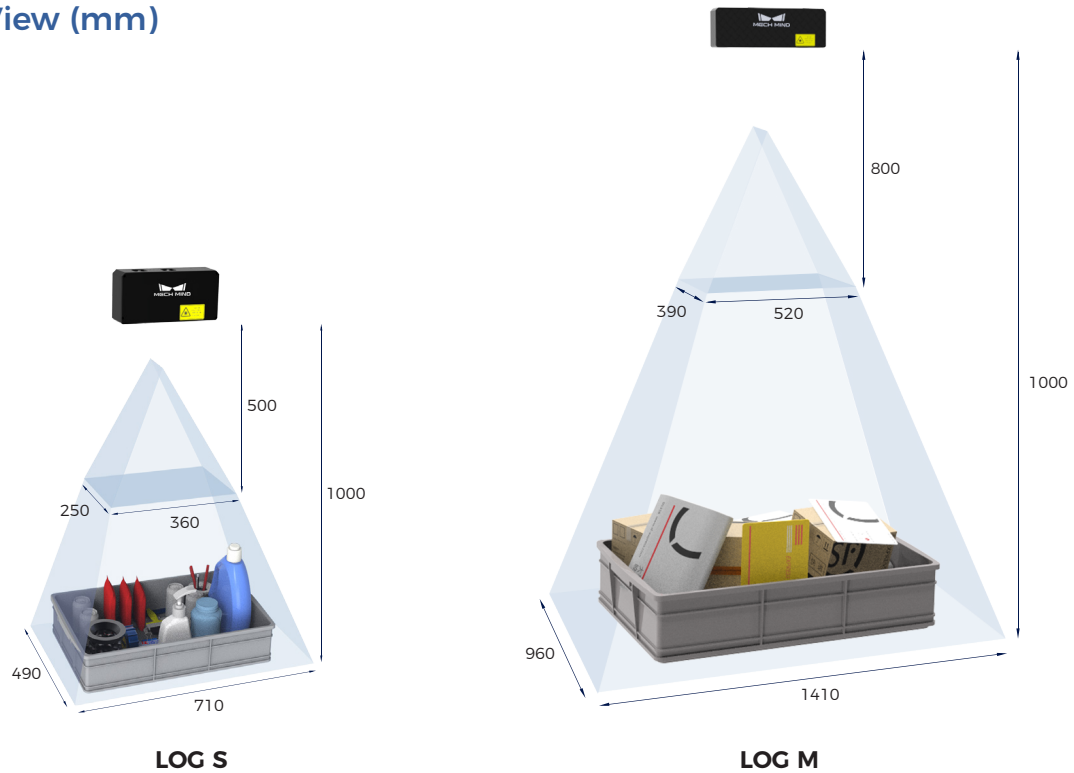
Point Clouds

Various Common Goods

Randomly-placed Real Express Parcels

Mech-Eye LOG has been well applied in thousands of cases.