

Mech-Eye Pro Enhanced

High-quality 3D imaging and cost-effective

Extended Field of View | Fast Acquisition | Stability and Reliability
Easy Integration | Competitive Price



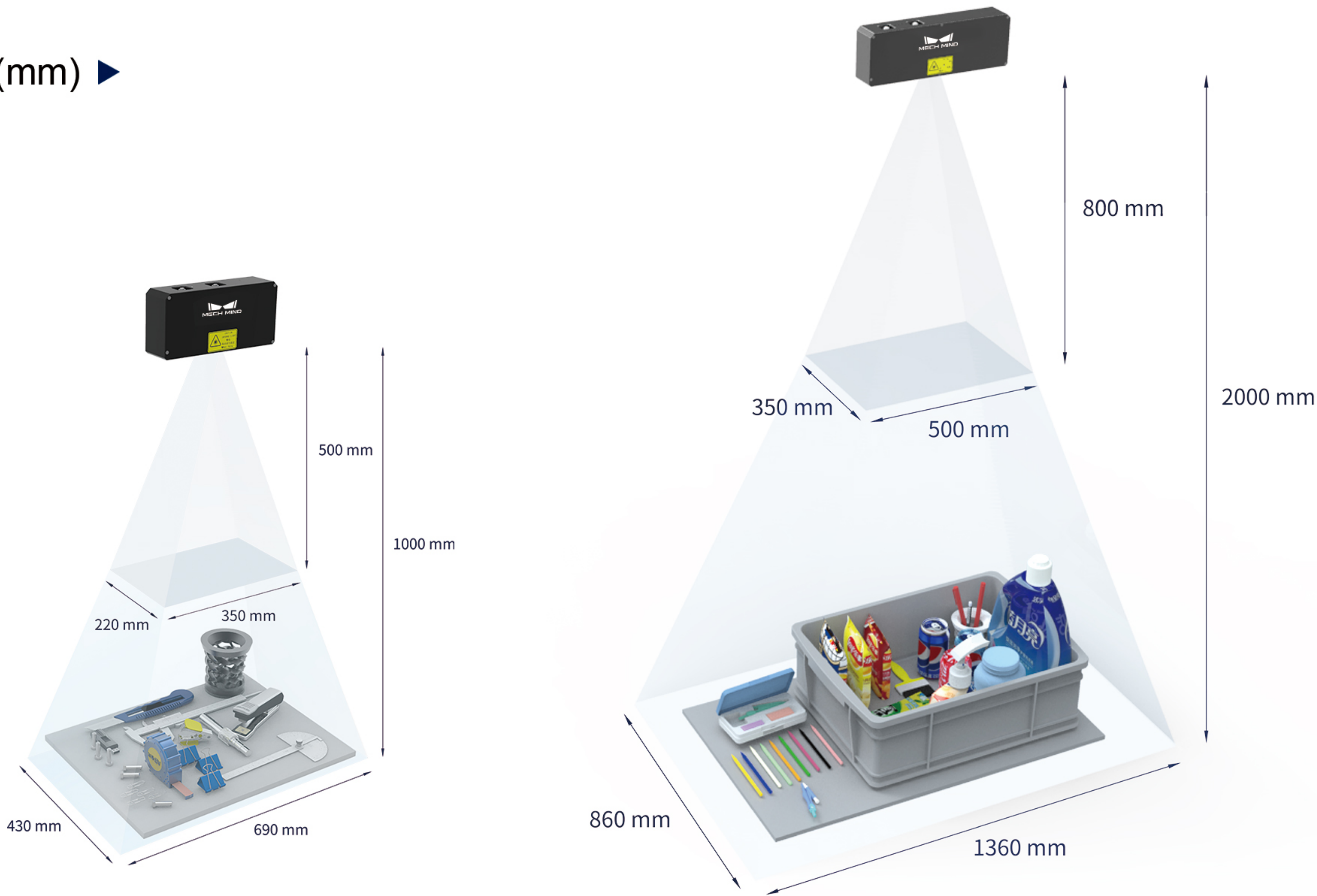
Specification: ▶

	Pro S Enhanced	Pro M Enhanced
Optimal Scanning Range:	500-1000 mm	800-2000 mm
Near FOV (mm):	350×220 @ 0.5 m	500×350 @ 0.8 m
Far FOV (mm):	690×430 @ 1.0 m	1360×860 @ 2.0 m
Resolution:	1920×1200	1920×1200
Megapixels:	2.3 MP	2.3 MP
Dimensions:	270×72×130 mm	387×72×130 mm
Weight:	2.2 kg	2.4 kg
Baseline:	150 mm	280 mm
Accuracy:	0.1 mm @ 1 m	0.2 mm @ 2 m
Z Repeatability (σ) :	0.05 mm @ 1 m	0.2 mm @ 2 m
Typical Capture Time:	0.5-0.8 s	0.5-0.8 s
Operating Temperature :	0-45 °C	
Communication Interface :	Ethernet	
Safety and EMC :	CE/FCC/VCCI	
Power Supply :	24V DC	
Protection Class :	IP65	
Cooling :	Passive	
API :	SDK Core API. Support C++/C#/Python and ROS	

Mech-Mind Robotics

Mech-Eye Pro Enhanced
High-quality Industrial 3D Camera

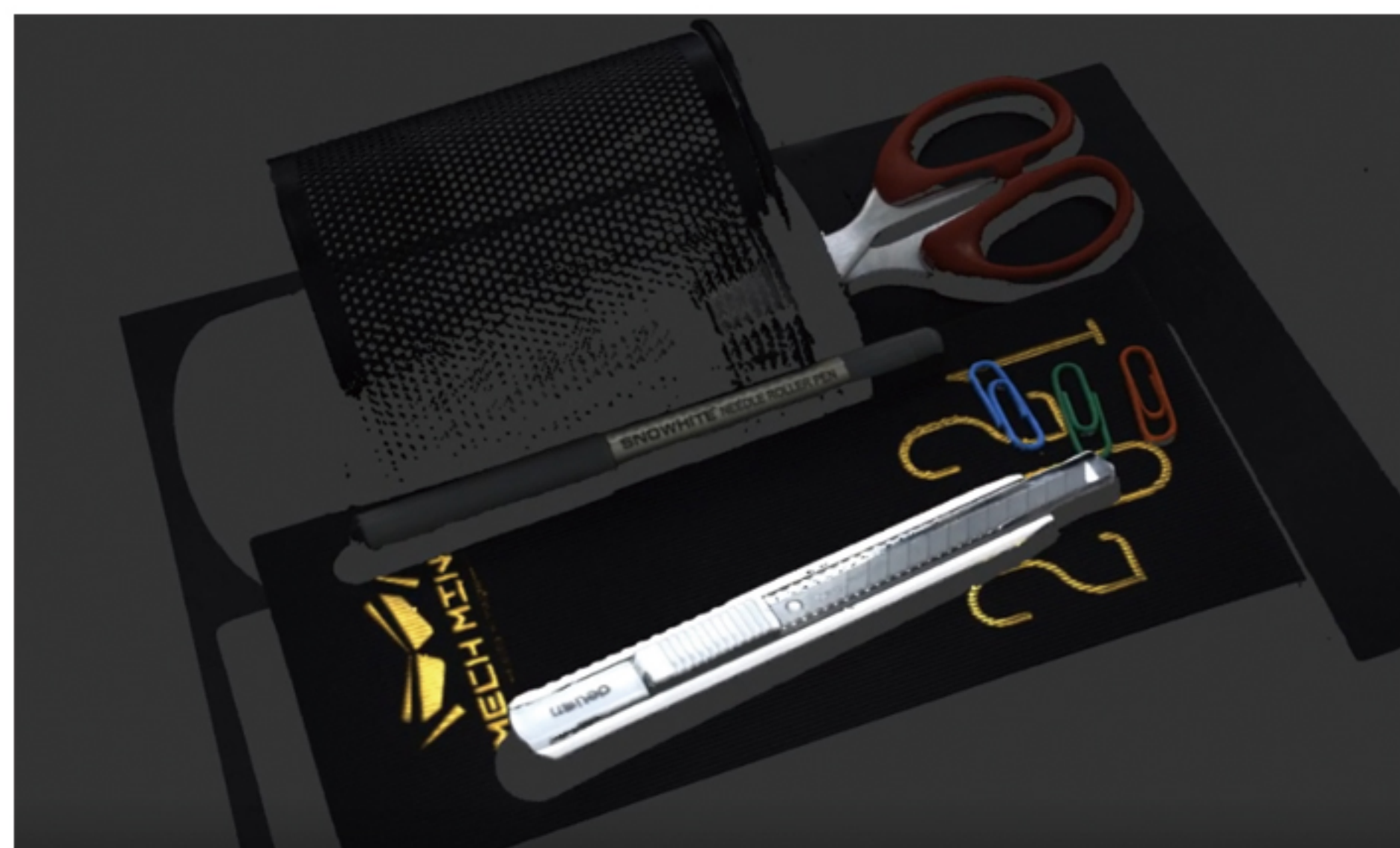
Field of View (mm) ▶



Pro S Enhanced

Pro M Enhanced

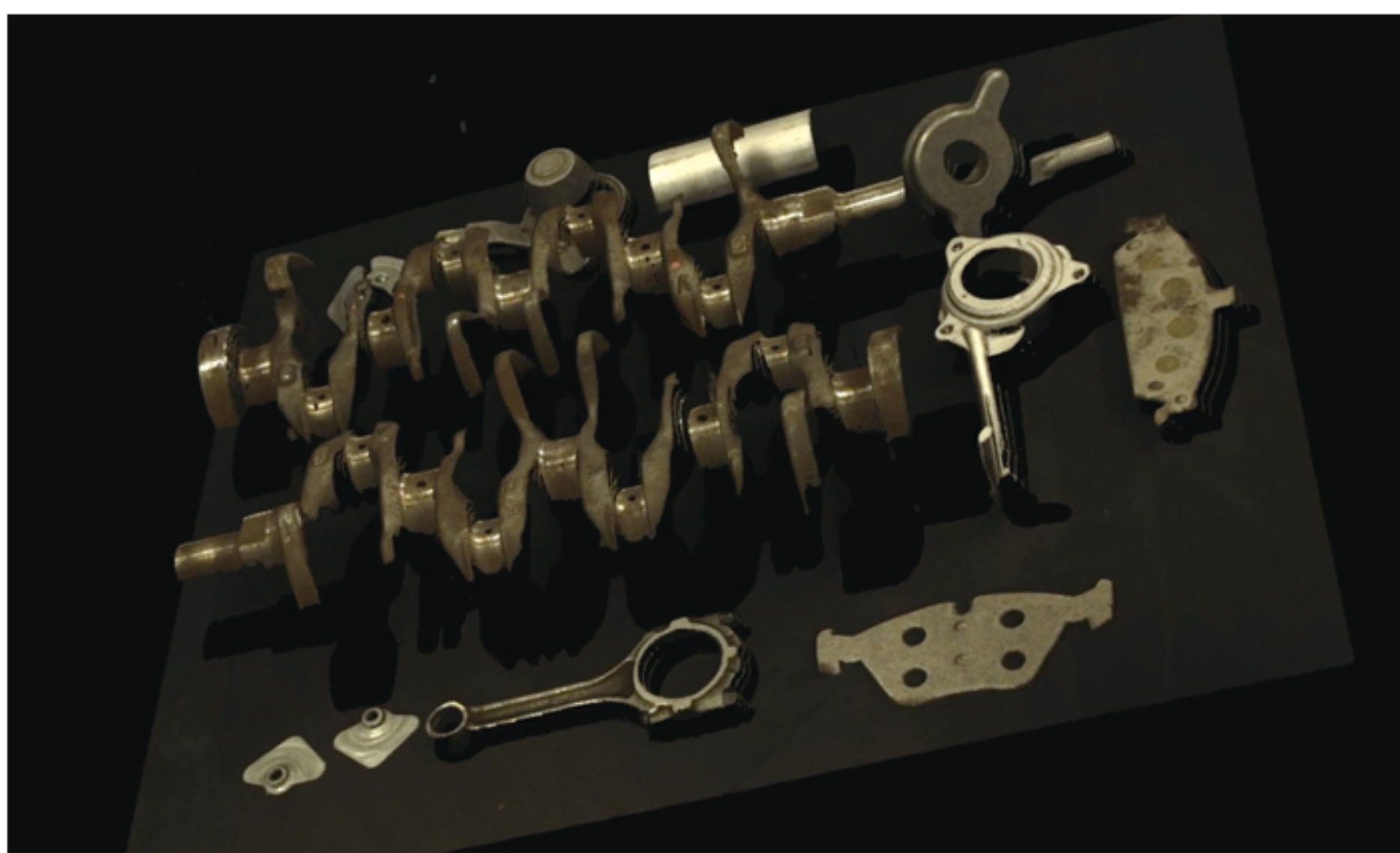
Point Clouds ▶



Detail-rich Stationary (@0.7 m)
Mech-Eye Pro S Enhanced



Cards (@0.7 m)
Mech-Eye Pro S Enhanced



Metal Parts (@1.2 m)
Mech-Eye Pro M Enhanced



Colored Objects(@1.2 m)
Mech-Eye Pro M Enhanced



Considerably Reflective Objects (@0.4 m)
Mech-Eye Pro S Enhanced



Dark Objects (@0.4 m)
Mech-Eye Pro S Enhanced

3D acquisition under typical indoor light



Mech-Mind Robotics Technologies Ltd.