

Independent
 Development

MV-3DD240-S45

Product Features:

- Monocular Structured Light Principle (DLP Projection Module).
- High-quality scanning point cloud.
- GPU-based computation.
- Supports Linux and Windows.
- User-friendly software operation with secondary development capabilities.

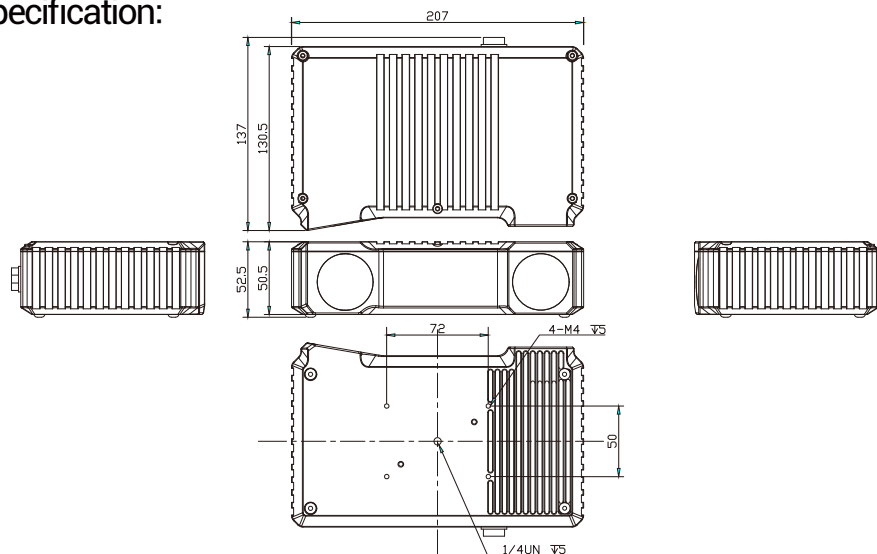


Technical Specifications:

Model	MV-3DD240-S45	
Specifications		
Near Field of View	390 × 220mm	
Far Field of View	770 × 430mm	
Working Distance	500-1000mm	
Z-axis Accuracy	0.05mm@0.8m	
Z-axis Repeatability	max@20.3 μm	
XY Accuracy	0.2mm@0.5m	0.4mm@1m
Typical Acquisition Time	0.5-1.2s	
Output Data Format	Point Cloud Map、Depth Map、Grayscale Image	
Operating System	Windows\Linux Operating System	
SDK Interface	C/C++/Python	
Field of View Angle(H/V)	43 ° / 23 °	
Dimensions & Weight	207 × 130.5 × 50.5mm; 1.2Kg	
Baseline Length	145mm	
Resolution	2048 × 1200	
Interface Type	Gigabit Ethernet	
Rated Voltage	DC24V 3.2A	

Mechanical Specification:

unit:mm


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