



Professional 3D LiDAR Scanner

SHARE SLAM S100 Series

Complex Environments , Precise Reconstruction

Product Highlights



Point rate up to
640,000 pts/s



Ultra-long measurement
range up to 300m



1-inch mechanical-shutter
wide-angle camera



Visual laser-based
GCP acquisition



RTK/PPK high-precision
positioning



Dual hot-swappable batteries

Product Specifications

Product			
	SHARE SLAM S100-16	SHARE SLAM S100-32	SHARE SLAM S100-32 PRO
LiDAR Channel	16	32	32
Point Cloud Number	320,000 points/s	640,000 points/s	640,000 points/s
Scanning Range	0.05 ~ 120 m	0.05 ~ 120 m	0.5 ~ 300 m
Number of Camera	2		4
Sensor Size	1-inch (13.13 × 8.76 mm); Pixel Size: 2.4 μm		
Effective Pixels	16 MP		20 MP
Dimensions	386.8mm*152.7mm*174.4mm		
Weight	2438g		2328g
Wi-Fi	Wi-Fi 6, supports 2.4 GHz / 5 GHz, 20m		
Storage Capacity	1TB SSD		
RTK Accuracy	Horizontal: 0.8 cm + 1 ppm; Vertical: 1.5 cm + 1 ppm		
Load-Bearing System	Standard Multi-Functional Ergonomic Load-Bearing System		
Battery Capacity	49.436wh (3400mAh) * 2pcs		
Runtime	Approx. 180 minutes		
Point Cloud Thickness	≤ 5 mm		
Relative Accuracy	≤ 1 cm		
Absolute Accuracy	≤ 5 cm		

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SHARE
Ideal for 3D Mapping



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