

Specifications

Model		C32	
Channel		32	
Measurement Technique		Time of Flight (TOF)	
Wavelength		905nm	
Laser Product Classification		Class 1 Eye-safe/ IEC 60825-1:2007 & 2014	
Measurement Range		70m / 120m /150m / 200m	
Ranging Accuracy		± 3cm	
Data Points Generated		640,000points per second	
Rotation Rate		5Hz, 10Hz, 20Hz	
Field of View (FOV)	Horizontal	360°	
	Vertical	-16° ~ 15°	-18° ~ 14°
Angular Resolution	Horizontal	5Hz: 0.09° / 10Hz: 0.18° / 20Hz: 0.36°	
	Vertical	1°	0.33° (Nonlinear Distribution)
Operating Voltage		9V~ 36VDC	
Operating Temperature		-20°C ~ 60°C (Customized up to -40°C)	
Communication Interface		Ethernet , PPS	
Shock Test		500m/sec ² , last11ms	
Vibration		5Hz-2000Hz, 3G rms	
Environmental Protection		IP 67	
Dimension (D · H)		Φ 120*110mm	
Weight		1600g	