

## LS30A Series Long Range LiDAR



### Abstract

LS30 A series perform TOF full waveform scheme which can do 360° detection of the surrounding environment by 2D scanning. It's mainly used in subway anti-collision, train anti-collision system and other fields.

### Specifications

Model	LS30A		
Wavelength	1550nm		
Laser Product Classification	Class 1 Eye-safe/ IEC 60825-1:2007 & 2014		
Data content	location, distance, reflection intensity information		
Rotation Rate	10 ~ 50Hz		
Measurement Range	500m	1000m	1500m
Ranging Accuracy	±3cm		
Scanning angle	360°		
Angular Resolution	0.0125°	0.025°	0.0375°
Data Points Generated	300kHz	150kHz	100kHz
Motor	Built-in Brushless Motor		
Communication Interface	Ethernet		
Operating Voltage	110V		
IP	IP 65		
Illumination intensity	200K lux		
Dimension ( L·W·H )	180*180*270mm		