

LS30MVA Long-range Visually Adjustable Laser Ranging System



Abstract

LS30MVA is composed of fixed-point Laser ranger, camera and angular displacement platform. The system automatically keeps the laser beam permanently at the horizontal level when the Laser ranger receives any outside interference. The optical axis of the camera is parallel to the laser beam, and can be used to confirm the target situation directly when the rangefinder detects a target ahead.

Parameters

Model	LS30MVA
Wavelength	1550nm
Max Range	2000m
Min Range	10m
Accuracy	±15cm
Data Points Generated	1000 pts/s
Laser Pitch Angle Accuracy	0.01°
Operating Voltage	AC/170-264V
Operating Temperature	-10°C ~ 60°C
Power Consumption	Max 50W
Communication Interface	Ethernet
Vibration	Acceleration 0.73G Vibration Impact Affordable
IP	IP66 (Customized)
Weight	17.5kg
Dimension (L·W·H)	350 * 487 * 272.5 mm