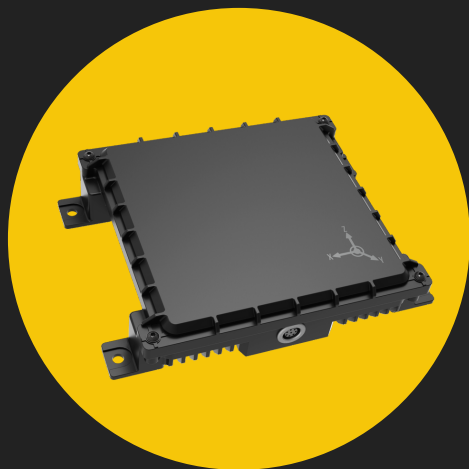


LR-D1



Long Range Radar Altimeter

Specifications

Frequency	24 GHz
Bandwidth	250 MHz
Power Consumption	<11W
Operating Voltage	10 - 30 V
Altitude Range	0.7m - 500m
Altitude Precision	0.365m
Update Rate	40 Hz
Field of View	43° Azimuth 30° Elevation
Operating Temperature Range	-40°C - 60°C
Dimensions	112mm x 102.5mm x 29mm
Weight	300g
IP Rating	IP67

Ainstein's LR-D1 provides accurate altitude measurements up to 500m in any environment including rain, fog, and snow. Because the LR-D1 is a radar based altimeter, the LR-D1 can provide precise measurements over water. This makes the LR-D1 ideal for maritime applications.



Ainstein is the global leader in mmWave radar with deployments in over 40 countries. Our team consists of highly skilled radar engineers, scientists, and technologists who can apply radar to any application.

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