



Laser Radar (NS100DM)

Distance meter based on high resolution laser radar, which is fully compliant with LoRaWAN standard

OVERVIEW

- High reliability and long-term stability.
- Data upload for every second
- High resolution and high precision
- Small in size, low in power consumption and long in communication distance, which make it the optimal choice in IoT application.

Product Code	AN-103
Distance parameters	
Detection range	0.1 ~ 5m
Resolution	0.01m
Accuracy	±0.01m
Frame rate	1 Hz
LoRaWAN parameters	
Processor	STM32L, ultra low standby power
LoRaWAN Tx/Rx connector	RP-SMA
Frequency	433MHz, 470 – 510MHz, 868 MHz, 915MHz
LoRaWAN working mode	Single channel, Class A/C
Data upload interval	~ 1 second
Power supply	
Battery	Rechargeable 3.7V 6000mA
Battery life	10 hours
Other parameters	
Working temperature	0 ~ 50 °C
Ingress Protection	IP65
Size	140 x 140 x 75 mm