

## Product Features

- The LRD101 radar level meter is a lightweight, F-band FM radar technology, specially designed for non-contact level measurement equipment.
- Using 80GHz/120GHz terahertz FM radar measurement technology, high measurement accuracy, good penetration, not affected by complex factors such as the measurement environment, reliable and stable measurement.
- Protection level IP68, especially suitable for use in the field environment, or simple process control of liquid tank measurement.
- Without display, the whole series supports Bluetooth wireless communication, easy to connect with your mobile phone debugging software, complete various configurations and operations on the mobile phone.
- Compact appearance, light, easy to install.



## Technical parameters

Transmission frequency	120GHz
Measuring range	5m; 8m; 12m; 18m
Measuring accuracy	±2mm; ±5mm; ±7mm
Beam Angle	1.5°(with lens radome)
Power supply range	12-38VDC
Signal output	4~20mA or RS-485
Field operation/programming	Bluetooth + mobile WeChat mini program
Process temperature/humidity	-40~85℃/≤95%RH
Housing material	POM/PVDF (optional)
Antenna Type	Lens antenna, POM, PTFE
Process pressure	-100... 300KPa
Protection level	IP68
Mounting Method	G1 /G2 Threaded or bracket mounted