

Technical Specifications



TM200 Series



TM300 Series



TM400 Series

Device Type	Ultrasonic	Ultrasonic	Radar
Communication Module	LTE (CAT M1)	LTE (CAT M1)	LTE (CAT M1)
Dimensions (Head Unit)	4" x 4" x 6" (10.2cm x 10.2cm x 15.2cm)	3.5" x 3.5" x 2.5" (8.9cm x 8.9cm x 6.4cm)	4.53" x 4.53" x 1.97" (11.5cm x 11.5cm x 5cm)
Dimensions (Base Unit)	—	5.25" x 5" x 3" (13.3cm x 12.7cm x 7.6cm)	—
Weight	1.2lbs (19.2oz)	1.35lbs (21.6oz)	0.63lbs (10oz)
Power	4 C Alkaline Batteries	Lithium Battery	Lithium Battery
Battery Life	3 Years*	10 Years*	10 Years*
Operating Temp	-4°F to 122°F (-20°C to 50°C)	-4°F to 131°F (-20°C to 55°C)	-13°F to 122°F (-25°C to 50°C)
Altitude	< 6500ft (2km) above sea level	< 6500ft (2km) above sea level	< 6500ft (2km) above sea level
Housing Material	UV Stabilized Polypropylene	UV Stabilized Polypropylene	UV Stabilized Polypropylene
Mounting Options	1.25" / 1.5" / 2" NPT Threads (3.2cm / 3.8cm / 5.1cm)	1.25" / 1.5" / 2" NPT Threads (3.2cm / 3.8cm / 5.1cm)	2" NPT Threads (5.1cm)
Mounting Method	Invasive	Invasive	Non-invasive adapter
Gasket (Included)	Viton	Viton	Viton
Sensor Exposed	Yes	Yes	No
Environmental Protection	IP67 - Outdoors	IP68 - Outdoors	IP68 - Outdoors
Measurement Range	6" - 13' (15.2cm - 4m)	6" - 13' (15.2cm - 4m)	3" - 22' (10cm - 6.75m)
Long Range Option	6" - 32' (15.2cm - 10m)	—	—
Accuracy	+/- 20mm	+/- 20mm	+/- 4mm
RoHS Compliant	Yes	Yes	Yes
Intrinsically Safe	—	Class I Div I (ATEX Zone 0)	Class I Div I (ATEX Zone 0)
GPS Location Request	Yes	Yes	Yes

For more information contact your SMARTLink Account Rep or contact us at info@smartlinkms.com

*Based on 1 transmissions/day with good cellular signal.