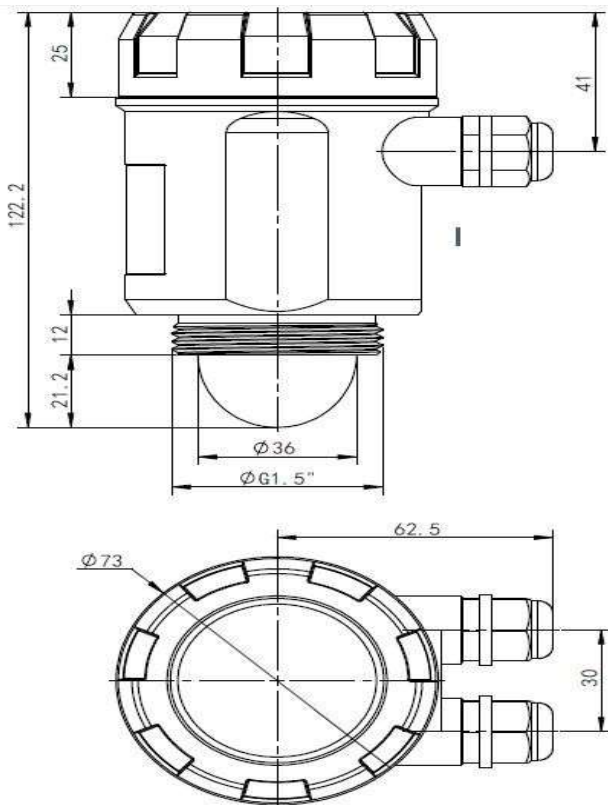


AE-R800L 80GHz Radar Level Transmitter

The AE-R800L is the ideal sensor for non-contact level measurement in simple applications. It is particularly suitable for open channel application: exp water/waste water field, rain basins, flume, dam level monitoring. Mean while the sensors could be applied on some liquid tanks or containers.

- * Highfrequency80GHz, More Focus.
- * Accuracy ± 2 mm (liquid)
- * Measuring range up to 30 m
- * Small emitting angle $\pm 3.5^\circ$.
- * Thread connection, customized flange. With display.

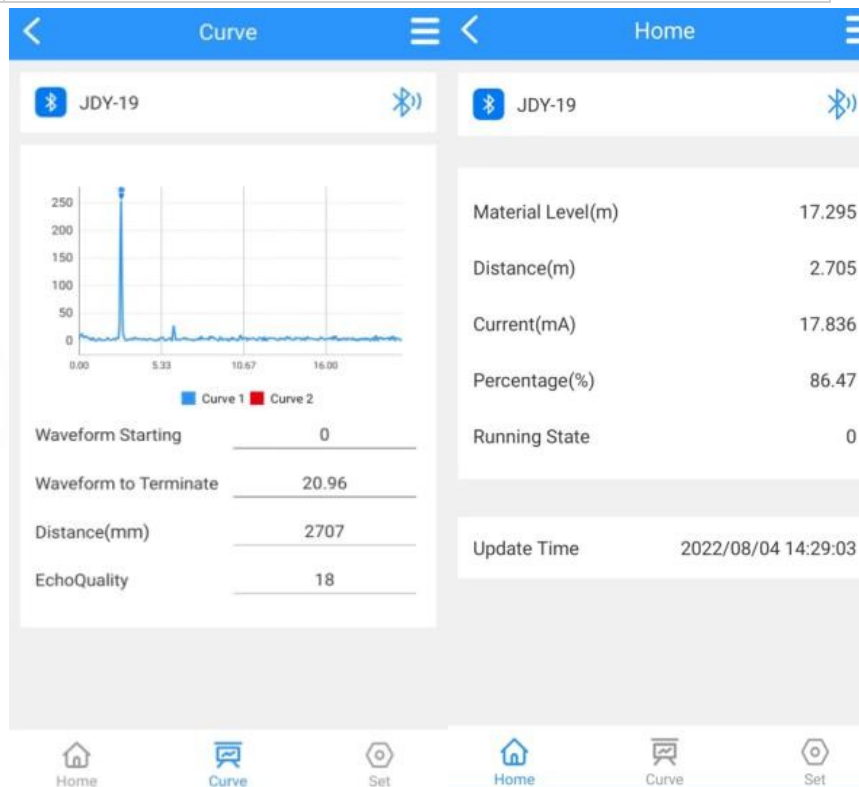
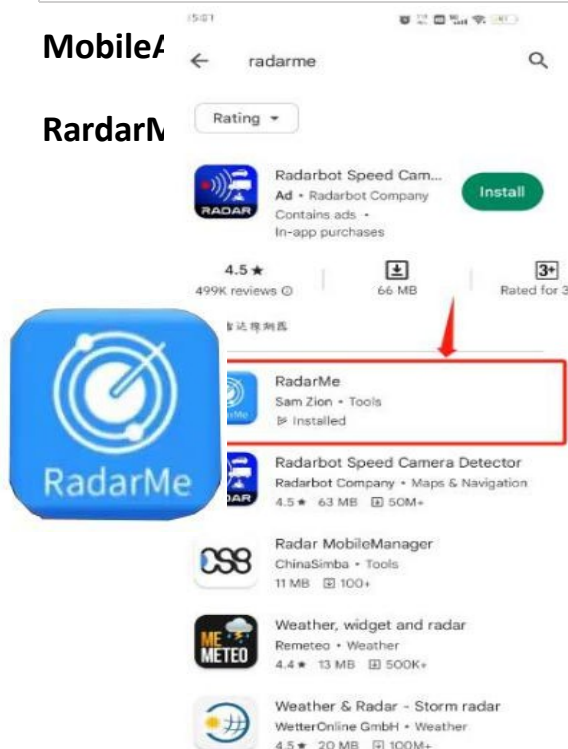


Specification

Model	AE-R800L
ProductType	FMCW Radar Level Transmitter
Application	* Open channel water measurement * Standard liquid measurement
Frequency	77GHz-81GHz
Measurement Range	Liquid:10M, 20M, 30M, 50M
Accuracy	±2 mm for liquid
Beam Angle	± 3.5°
Material	ABS + PP
Process Connection	Thread and flange(customized)
Process Temperature	-20°C to 70° C
Process Pressure	Normal atmospheric pressure
Signal output	4-20 mA / RS 485/ Bluetooth/ Hart
Power	Two-wire DC 24 V (22V~30V) / Four-wire DC (8V-36V)
Protection	IP 67
Display	LCD 128 X 64
Size	85.5 mm*130 mm, weight 250 g

Mobile/

RadarMe



AE-R800LModelSelection

AE-R800		80GHzRadarLevelTransmitter(PPhousing,withdisplay)					
		Code	Medium Type				
		L	Two-wire				
			Code	MeasuringRange(m)			
			0.2~30	10	20	30	50
			Code	Connection			
			G	GThread 1.5"			
			F	Flange			
			Code	Temperature			
			N	-20-70°C			
			Code	Cableentry			
			M	M12×1.5(F)			
			Code	Electronics			
			T	Two-wire4...20mA			
			M	Modbus			
			B	Bluetooth			
			H	HART			
			Code	Protection			
			P	IP67			
AE-R800	L	10	G	N	M	TMBH	P