

QRD241

Bluetooth Radar Water Level Meter

Overview

QYB521 is a frequency modulated continuous wave (FMCW) radar product operating at 76-81GHz. Product range can reach 65m within 10cm blind zone. Because of its higher operating frequency, and larger bandwidth, So the measurement accuracy is higher. The product has a bracket fixing method which makes installation convenient and easy without on-site wiring.



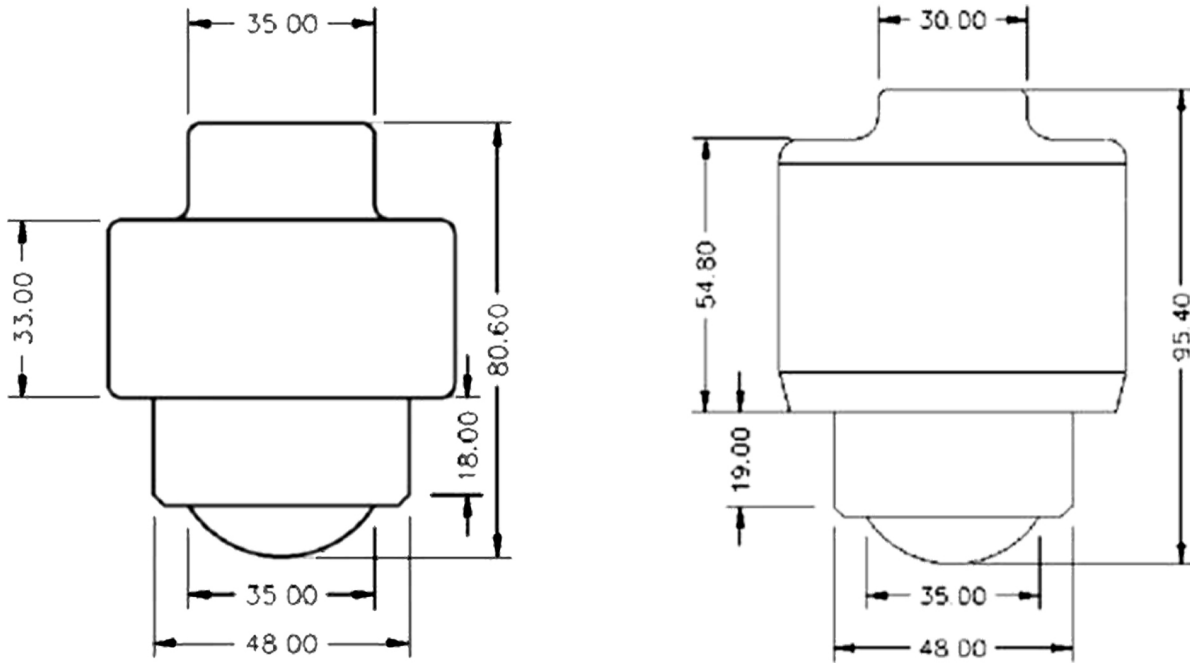
Features

- Based on the self-developed CMOS millimeter-wave radio frequency chip, The product achieves more compact radio frequency architecture, higher signal-to-noise ratio and smaller blind spots 5GHz working bandwidth makes
- the product have higher measurement resolution and measurement accuracy
- The narrowest antenna beam angle is 6° let it has less impact and more convenient during the installation and Integrated lens design, compact size
- Low power consumption, Product life expectancy greater than 3 years
- Upload alarm information when the water level exceeds the upper and lower limits (configurable)

Performance Parameter

Transmit Frequency	76GHz~81GHz
Measurement Range	0.1m~65m
Measurement Accuracy	±1mm
Beam Angle	6°
Power Supply Area	9~36 VDC
Output	4~20ma Hart +Bluetooth/RS485
Temperature	-40~85°C
Housing Material	PP Aluminum/Stainless Steel
Lens	PTFE
Recommended Cable	7*0.3mm ²
Environment Protection	IP67
Installation	Bracket/Thread
Power Supply	10~30VDC

Dimensions



Ordering Guide

QRD241	Bluetooth Radar Water Level Meter	
0-120m	Code	Measuring Range
	1	(0-X)m Actual required length
1	Code	Cable Length
	1	(X)m
I	Code	Output
	I	4-20mA
	R	RS485
	H	Bluetooth
L	Code	Connection
	L	Thread
	F	Flange
P	Code	Shell Material
	P	PP
	A	Aluminum Alloy
	S	Stainless Steel
3	Code	Beam Angle
	3	3°
	8	8°