

# packetSENSE Ultrasonic Proximity Level Sensor (20m)

**packetSENSE Ultrasonic Proximity Level Sensor** is an advanced distance-measuring instrument based on the ultrasound principle. It uses transmitted sound wave pulses to calculate distances at the receiving end. It can measure from **0.8 m up to 20 m**. It allows users to remotely monitor the level and distance of objects. The device's shell is crafted from durable ABS material, ensuring it is lightweight and robust. It is designed to operate for indoor and outdoor installations.

It can be used in conjunction with computers, data collectors or other RS485-compliant collection equipment. It is widely used in the liquid level distance measurement of industrial water tanks, tanks, municipal engineering, water conservancy and hydropower, sewage treatment, petrochemical industries and other industries.



## Features

- No moving parts, ensuring low wear and long service life.
- Lightweight engineering plastic shell for easy installation and portability.
- Convenient signal access with 485-RTU support.

## Applications

- Industrial
- Water Management
- Sewage Treatment
- Petrochemical Industry
- Construction
- Building Management
- Environmental Monitoring
- Agriculture
- Marine Industry
- Food and Beverage Processing

## Technical Specification

Range Selection	5m, 10m, & 20m
Measurement Accuracy	0.5% FS - 1% FS
Resolution	0.001m
Measurement dead zone	0 - 0.8 m (varies according to the range)
Way of communication	RS485/GPRS/4G/4 - 20mA
Baud Rate	19200/9600/4800/2400
Power Supply	12VDC
Working Current	Turn on the backlight: 130 ± 10mA
	Turn off the backlight: 70 ± 10mA
Operating Temperature	-20°C - +60°C
Working Humidity	0 - 100% RH (15 - 95% RH)
Environment	

**packetworx**

WE CONNECT THINGS

Packetworx IoT Technology Hub  
G/F ISquare Building, 15 Meralco Avenue,  
Ortigas, Pasig City, 1605, Philippines

(+632) 7971-9211 | (+63) 917-189-7613