

KST

KS Technologies, LLC

LoRa
Alliance
Member

KST3320 Distance Sensor

The KST3320 LoRaWAN Distance Sensor is designed for contact-less measurements of solid and liquid levels within 10mm accuracy.

To learn more about this sensor and many other products that KST has to offer, you can reach us at info@kstechnologies.com



Features



Power

2x C Cells
8000 mAh
Typical 18 month battery life.



Sensors

Distance (0-4m)
Accelerometer ($\pm 2g$ up to $\pm 16g$)
Temperature (-20 to 50°C)
Humidity (0-100% RH)
Pressure (300 - 1100 hPa)
GPS

Device Specifications

Distance

Distance Range	0-4m
Resolution	10mm
Operating Temperature	-20 to 50°C

Temperature

Range	-20 to 50°C
Accuracy	± 0.3°C
Resolution	0.1°C

Pressure

Range	300 - 1100 hPa
Relative Accuracy	± 0.12 hPa
Absolute Accuracy	±1 hPa

Accelerometer

Scale	±2g up to ±16g
Axes	X, Y and Z
Operating Temperature	-20 to 50°C

Humidity

Range	0 - 100%
Accuracy	± 2%
Resolution	± 0.1%

GPS

Lock Time	30s
Accuracy	3m

Example Applications

- Waste Bins
- Recycling Bins
- Liquid Levels
- Proximity Detection
- People Counting
- Feed / Grain Bins
- Many Others

KS Technologies offers engineering services to help you solve whatever remote sensing problem you might be facing. Contact us today to learn more about how we can integrate your sensor solution with the Cloud.



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