



Wireless Pressure/ Temperature/ Level Monitor



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Wireless Bluetooth Pressure & Temperature Sensor

CS-iWPT301



Parameters	Specifications
Communication Mode	Bluetooth 4.2
Power Supply	3.6VDC Lithium Battery
	8~30VDC External Power
Battery Life	>1 Year
Pressure Range	0~0.4...100MPa(0~58...14500psi)
Pressure Accuracy	±1.0%F.S.
Temperature Range	-50°C~150°C(-58°F~302°F)
Temperature Accuracy	±1°C(±3.6°F)
Ingress Protection	IP65

Note: Pressure ranges are optional

- ✓ Simultaneous measurement of 1-way pressure and multi-way temperature
- ✓ Lithium battery or external power supply
- ✓ Upper and lower limit alarm threshold configurable
- ✓ Sampling and sending interval configurable
- ✓ Users can link the APP to devices at any time to read sensor data



Application

Suitable for refrigerant pressure monitoring, oil, gas and heating pipeline pressure & temperature monitoring

Wireless Pressure & Temperature Monitor

CS-iWPT304



Parameters	Specifications
Communication Mode	NB-IoT
Power Supply	3.3~3.6VDC Lithium Battery
Battery Life	2 Years
Pressure Range	0~15MPa(0~2175psi)
Pressure Accuracy	±0.5%F.S.
Temperature Range	-50°C~150°C(-58°F~302°F)
Temperature Accuracy	±1.5°C(±2.7°F)
Ingress Protection	IP65

Note: Pressure ranges are optional

- ✓ Pressure & temperature integrated measurement
- ✓ LCD display enables easy numerical reading
- ✓ Ultra low power consumption ≤15uA
Battery life ≥2 years
- ✓ Upper and lower limit alarm threshold configurable
- ✓ Sampling and sending interval configurable



Application

Suitable for oil, gas, heating and other pipeline pressure and temperature integrated monitoring

Bluetooth Wireless Pressure Sensor

CS-iWPT302-P



Parameters	Specifications
Communication Mode	Bluetooth 5.1
Power Supply	3.6VDC Lithium Battery
Battery Life	> 5 Years
Pressure Range	2/5/10/20/50bar (30/75/150/300/750psi)
Pressure Accuracy	±0.5%F.S.
Temperature Range ^①	-40°C~85°C(-40°F~185°F)
Temperature Accuracy	±2°C(±3.6°F)
Ingress Protection	IP65

Note 1: This temperature is the internal ambient temperature of the product



Application

For pressure measurement for pumps, compressors, hydraulic machinery, excavators, pneumatic equipment

- Compact size, easy to use
- Magnet activation
- Temperature & pressure integrated
- Regular sampling & broadcasting
- View data on APP

Bluetooth Wireless Temperature Sensor

CS-iWPT302-T



Parameters	Specifications
Communication Mode	Bluetooth 5.1
Power Supply	3.6VDC Lithium Battery
Battery Life	> 5 Years
Temperature Range ^②	Standard Type: -40°C ~ 85°C (-40°F ~ 185°F)
	Non-standard Type: -40°C ~ 125°C (-40°F ~ 257°F)
Temperature Accuracy	±1°C(±1.8°F)
Immersion Tube Diameter	Φ6mm
Ingress Protection	IP65

Note 2: The standard model can measure temperatures between -40°C (-40°F) and 125°C (257°F) for a short period of time



Application

For temperature monitoring and temperature inspection of plant tanks

- Temperature Measuring Element: Platinum Resistance
- Compact size, easy to use
- Magnet activation
- Regular sampling & broadcasting
- View data on APP

Split Wireless Pressure Sensor

CS-iTPT-01



Parameters	Specifications
Communication Mode	NB-IoT, LoRaWAN
Power Supply	3.0~3.6VDC Lithium Battery
Battery Life	5 Years
Pressure Range	0~1.0MPa(0~145psi)
Pressure Accuracy	±0.5%F.S.
Ingress Protection	IP65

Note: Pressure ranges can be customized

- ✓ Low power consumption, battery life up to 5 years
- ✓ Accurate detection, no wiring, reliable communication
- ✓ Upper and lower Pressure limit alarm threshold configurable
- ✓ Split design of sensors and transmitters, various options for sensors



Application

Suitable for pressure monitoring of water tanks, pipelines, oil tanks, under the overpasses, underpass tunnels, etc.

Split Wireless Level Sensor

CS-iTLLS-05



Parameters	Specifications
Communication Mode	NB-IoT, LoRaWAN
Power Supply	3.6VDC Lithium Battery
	12VDC/24VDC External Power
Battery Life	3 Years
Level Range	0~5mH ₂ O
Level Accuracy	±0.5%F.S.
Ingress Protection	IP65

Note: Level ranges can be customized

- ✓ Battery and external power supply optional
- ✓ Low power consumption, battery life up to 3 years
- ✓ Upper and lower limit alarm threshold configurable
- ✓ Split design of sensors and transmitters, various options for sensors



Application

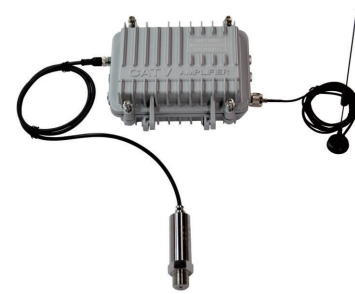
Suitable for monitoring the liquid level of water towers, oil tanks, under overpasses, underpass tunnels, etc.

Ex-Proof Wireless Pressure / Level Sensor

CS-iGPM-01

Parameters	Specifications
Communication Mode	NB-IoT, LoRaWAN
Power Supply	3.6VDC Lithium Battery
Battery Life	>5 Years
Pressure Sensor Range	0~1.0MPa(0~145psi)
Level Sensor Range	0~5mH ₂ O
Medium Temperature	±0.5%F.S.
Ingress Protection	IP65

Note: Pressure ranges and level ranges can be customized



- Compliant with explosion proof requirement
- Built-in 54AH super capacity lithium battery
- Upper and lower limit alarm threshold configurable
- Sampling and sending intervals configurable
- Split design of sensors and transmitters, various options for sensors



Application

Suitable for pressure or level monitor with explosion proof requirement

Intelligent Temperature & Vibration Pressure Composite Sensor

CS-iWPVT-01

Parameters	Specifications
Communication Mode	Bluetooth 5.0
Power Supply	3.6VDC Lithium Battery
Battery Life	≥3 Years
Pressure Range	0~68bar(0~1020psi)
Temperature Range	(-20°C~125°C)±3°C [(-4°F~257°F)±5.4°F]
Acceleration Range	±2/±4/±8/±16g
Vibration Frequency Range	Bandwidths 1Hz-1.5KHz
Ingress Protection	IP67

Note: Pressure ranges can be customized



- Integration of temperature, vibration and pressure acquisition
- Time-based Sampling
- Upper and lower limit alarm threshold configurable
- Supporting system platform management
- Companion applet to view data



Application

Applicable to predictive health management of equipment failures to reduce economic losses caused by equipment failures

Wireless Pressure Sensor

CS-iPT608C

Parameters	Specifications
Communication Mode	ZigBee
Power Supply	3.6VDC Lithium Battery
Battery Life	> 6 months
Pressure Range	0~40MPa
Pressure Accuracy	±0.5%F.S.
Ingress Protection	IP65

Note: Pressure ranges are optional



- ✓ High accuracy, high quality, easy installing and operating
- ✓ Sampling interval and regular reporting period are configurable by button or remote command



Application

Suitable for oil, gas, heating etc. pipeline pressure monitoring

Wireless Level & Temperature Sensor

CS-iLLS-02

Parameters	Specifications
Communication Mode	GSM/4G
Power Supply	3.6VDC Lithium Battery
	10~30VDC External Power
Battery Life	> 120 Days
Level Range	0~200mH ₂ O
Level Accuracy	±0.5%F.S.
Temperature Range	-25°C ~ 85°C (-13°F~185°F)
Temperature Accuracy	±1.0°C(±1.8°F)
Ingress Protection	IP65

Note: Level ranges are optional



- ✓ 4G communication, GPS positioning, LCD display
- ✓ High performance and gain antenna
- ✓ Submersible level measurement
- ✓ Available for site temperature collecting



Application

Suitable for measuring liquid temperature and liquid level height

Wireless Pressure Sensor for Outdoor Hydrant

CS-iTPFH-01



Parameters	Specifications
Communication Mode	NB-IoT, LoRaWAN
Power Supply	3.6VDC Lithium Battery
Battery Life	5 Years
Pressure Range	0~1.6MPa(0~230psi)
Pressure Accuracy	± 1.0%F.S.
Ingress Protection	IP66

Note: Pressure ranges can be customized

- Regularly detect the water pressure of fire hydrant
- Alarm is triggered when there is no water or insufficient water pressure in hydrant pipes
- Upper and lower limit alarm threshold configurable
- Support platform supports alarm highlighting and positioning, sending alarm SMS, cell phone dispatching and fault investigation feedback



Application

Applicable in refinement and intelligent fire management to improve the efficiency of firefighters in fire fighting and disaster relief



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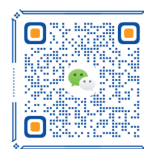
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