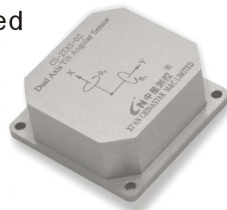


CS-2TAS-02 Dual Tilt Angular Sensor

1.Feature

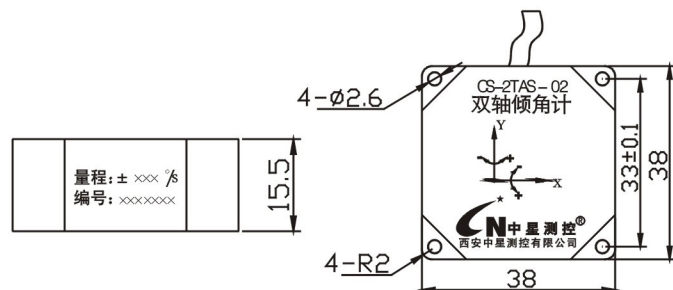
- Both Pitch and Roll supplied
- RS485 Digital Output
- Small Size, Low Weight
- High Shock Survivability



2.Specifications

Product	CS-2TAS-02
Power	
Input Voltage (VDC)	5 ± 0.25
Input Current (mA)	< 40
Performance	
Measurement Range (°)	± 60 ①
Non-Linearity (%FS)	0.3
Bias (°)	± 0.2 (25°C)
Bias Drift (° /°C)	0.01
Resolution (°)	0.05
Bandwidth (Hz)	5
Start-up Time (s)	< 1
Electrical Characteristics	
Data Output Format	16 Bits (Twos Complement)
Data Output Rate (Hz)	25
Baud Rate (bps)	19200
Interface Type	RS-485
Environmental Characteristics	
Operating Temperature (°C)	-40 ~ +70
Size&Weight	
Weight (g)	50
Size (mm)	38 × 38 × 15.5

Remark: ①Measurement Range up to ± 75° 。



CS-i2TAS Wireless Inclinometer

1.Feature

- Battery Powered, Wireless Communication
- Wide Measurement Range
- Small Size, Low Weight
- High Reliability



2.Specifications

Product	CS-i2TAS
Power	1Ah/3.6V LithiumBattery (Two Purchase)
Performance	
Measurement Range(g)	± 90
Accuracy (%)	± 0.5
Average Consumption (mW)	<3.3
Efficient Working Hours (month)	6
Communication Band(GHz)	2.405~2.480
Communication Speed(bps)	9600
Transmission Range (m)	70
Environmental Characteristics	
Operating Temperature (°C)	-40 ~ +70
Shock(g)	1000
Size&Weight	
Weight (g)	30
Size (mm)	38 × 38 × 20