

## DW12 Series Temperature Gauge

**SMART**  
**TITANIUM**  
**ROBUST**  
**HIGH**



### DW12 Series

Daowan DW12 is a kind of temperature measurement device with small size and light weight. Daowan makes it easy to configure the optimum sampling regime for your measurements, which can be widely used in profiling, mooring system(fixed observing buoys), towed observation, remotely operated vehicles, gliders etc. Our probes offer precise measuring results even under the harshest conditions and work reliably to a depth of over 7200 meters.

Our designs lead the industry in accuracy, cost-effective and power consumption. This type of equipment is durable and stable and easy to integrate with other instrumentation platforms. The probes can be equipped and retrofitted with different sensors. Furthermore, the titanium housing is resistant to most chemical compounds and non-corrosive.

**Direct-reading:** Power Requirements: 6-18 VDC, Interface: RS232/RS485/USB.

**Self-contained:** Powered by 3.6V lithium batteries, 200 days continuous work when the sampling interval is 5 minutes. Internal storage is 8GB. Up to hundreds of millions of data sets can be recorded.

## Specification

Sensor	Range	Accuracy	Resolution	Typical Stability	Time Response
Temperature	-5-36°C	±0.002°C	0.0001°C	0.002°C per year	100ms

## Main Features

- High accuracy and low cost
- Based on UNESCO equations
- Robust and reliable
- Easy to integrate with other instrumentation platforms



## Ordering Information

Cat.No.	Operation Mode	Housing	Rated Depth	Dimensions	Weight in Air	Weight in Water
DW1213	Self-contained	TA2	1500m	φ26mm*256mm	0.40kg	0.25kg
DW1213-D		TC4	7200m	φ26mm*256mm	0.40kg	0.25kg
DW1223	Direct-reading	TA2	1500m	φ26mm*198mm	0.26kg	0.14kg
DW1223-D		TC4	7200m	φ26mm*198mm	0.26kg	0.14kg

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