

# UbiBot® Wireless Multi-Sensor Device Series

## DS18B20

External temperature probe DS18B20 is with Micro USB plug, can be connected with WS1, WS1 Pro. With IP68 and stainless steel it can be used in extreme environments, such as liquid, freezers, fridges, cold storage, etc. And the flat cable version is especially designed for freezers and fridges, which won't block the door's closing.



- **Technical specifications**

Measuring Temperature Range : -55°C to +125°C (-67°F to +257°F)

Accuracy :  $\pm 0.5^{\circ}\text{C}$  ( over the range -10°C to +85°C)

Connector : Micro USB

Protocol : Single Bus protocol

- **Physical specifications**

Materials : Stainless steel

Size of Stainless Steel Shell : 6mm diameter x 50mm long

Cable Length : 300cm or 500cm

IP Level : IP68

Working Voltage : 3-5.5V

Power dissipation :  $\leq 0.1\text{W}$