

Temperature Sensor specifications



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Temperature Sensor

Bluetooth Temperature and Humidity Sensor, S1, is a type of high-precision digital temperature and humidity indicator (Thermo-Hygrometer). The environmental parameters can be monitored in real-time on a smartphone via an app or the sensor can be connected to a wireless network, for the data to be uploaded to a server.



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	Property	Value	Unit
Radio	Frequency band	2.4	GHz
	RF protocol	BLE	
	Transmitting powers	100	mm
Size & Weight	Width	38	mm
	Height	70.6	mm
	Thickness	17.8	mm
	Weight	43	gm
Power	Built-in battery	800	mAh
	Case Material	ABS plastic	
	Operating Temperature	-40 to +70	°C
	Operating Voltage	3	V
	Water-dust resistance	IP 65	
	Battery life*	3	Years

*Depends upon transmission interval and transmission power.