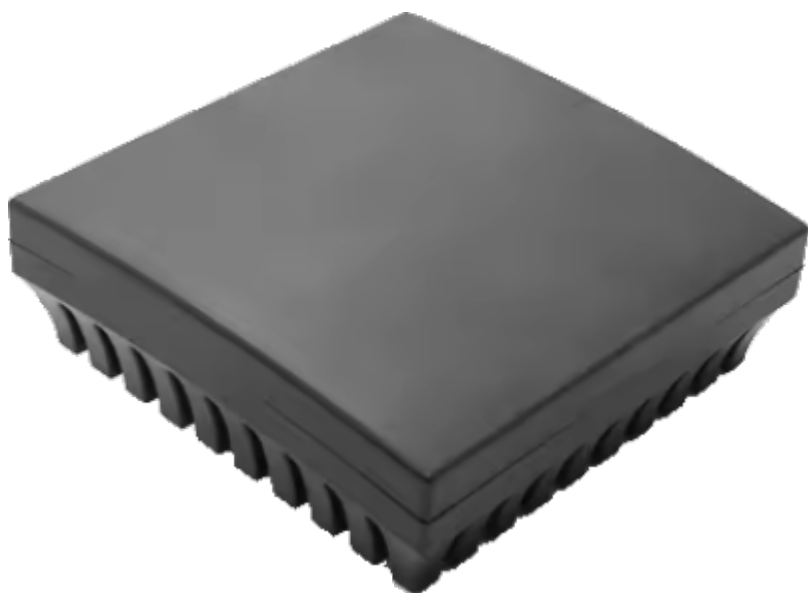


1. TS-S

temperature sensor, iBeacon transmitter, RS485 for gaphical touch display



Model number:	TS-S-B	Black
	TS-S-W	White
Mounting:	Field, on wall	

1.1. Features

- IEX-2 module
- temperature sensor
- iBeakon transmitter

- RS485 for touch display

1.2. Technical specification

Temperature sensor	
Operating range	0 °C to +50 °C
Measuring error	±0.5°C typ. (0°C to +50°C)
Resolution	0.1°C (12 bit)
Readout	0.1°C (254 equals 25.4°C)
Beacon	
Bluetooth protocol	BLE 5.0
Frequency band	2.4GHz
Broadcast range	5
Advertising interval	500ms
Local name	CYBRO
Touch display	
Protocol	page/event, IEX to serial
Interface	RS485, 115200bps 8n1
Galvanic isolation	none
Cable length	50m
General	
Power supply	24V (18..28V), 50mA
Terminals	push-button cage clamp 3.5mm
Wire diameter	stranded 0.2..1.5mm ² , solid to 1mm ²
Cable diameter	8mm max.
Operating conditions	0..50°C, 0..85% rh non-condensing
Storage temperature	-20..75°C
Degree of protection	IP20
Dimensions	80x80x25mm
Weight	100g

1.3. Dimensions & Mounting

