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PROFESSIONAL



PRODUCT CATALOGUE 2023

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USB DATA LOGGER SERIES



PRECISE MEASUREMENT



Single-use PDF Temp Data Logger
(60/90 days duration)

DHTZ05/DHTZ09



Single-use USB Temp
Data Logger

TEMPU08



Single-use USB TEMP & RH
Data Logger

DHTZ08B



Multi-use USB TEMP & RH
Data Logger

TEMPU07B



Multi-use USB TEMP & RH
Data Logger

TEMPU03



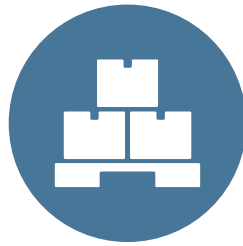
Multi-use USB Temp
Data Logger

TEMPU04

USB DATA LOGGER SERIES



1



2



3



4

	DHTZ05/DHTZ09	TempU08	DHTZ08B	TempU07B	TempU03	TempU04
Product Picture						
Dimension	67*28*5.5mm/ 95.5*49*7.8mm	95.5*49*7.8mm	95.5*49*7.8mm	100*43*12mm	89*36*16mm	84*36*14mm
Operating Temp	-30 ~ +60°C					
Temp Resolution	0.1°C					
Battery Shelf Time	2 years	2 years	2 years	2 years	1 year	1 year
Accuracy	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.5°C (-20 ~ 40°C), ±1°C (other)
Humidity Range	-----	-----	0 ~ 90%RH	0 ~ 90%RH	0 ~ 85%RH	-----
Humidity Resolution	-----	-----	0.1%RH	0.1%RH	0.1%RH	-----
Data Storage Capacity	10000pcs/32000pcs	32000pcs	32000pcs	34560pcs	32000pcs	32000pcs
Probe Measuring Range	-----	-----	-----	-40°C ~ 85°C 0%RH ~ 100%RH	-----	-----
Recording Option	Single-use	Single-use	Single-use	Multi-use	Multi-use	Multi-use
Protection Grade	IP67	IP67	IP54	IP65	IP54	IP65

-80°C

-100°C

-200°C

Dry Ice Temperature Data Logger
USB Data Loggers

- Build in temp sensor
- Typically 1.5 years
- -80°C~+70°C
- Temp (RH) Management Software
- Waterproof: IP65

- External temp sensor
- Typically 1 year
- Bluetooth 4.2
- -100°C~+80°C
- Temp Logger APP
- Waterproof: IP65

- External temp sensor
- Typically 1 year
- Bluetooth 4.2
- -200°C~+80°C
- Temp Logger APP
- Waterproof: IP65





TEMPU06

TEMPU06 L100

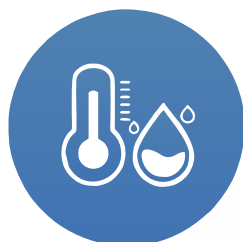
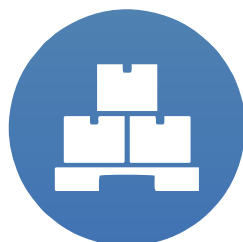
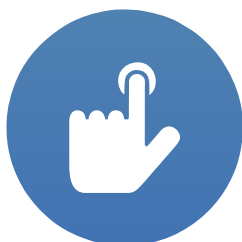
TEMPU06 L200

REAL-TIME DATA LOGGERS



	TT18	TT18-4G-S	TT18-4G-M	TT19
Product Picture				
Standby Time	Max 60days		100 days (once charge)	60 days (once charge)
Transmit Interval	15mins		30mins	15mins
Weight(s)	138g		145g	165g
Usage Type	Single use		Multi use	Multi use
Inner Lithium Battery	Built-in 3.7V/3000mAh Lithium Battery		Built-in 3.7V/4400mAh Lithium Battery	Built-in 3.7V/4000mAh Lithium Battery
Transmission Mode	GSM	4G/2G	CAT-M1/NB-IOT/GSM	4G/2G
Memory Capacity	6700 readings	20000 readings	20000 readings	17000 readings
Other Sensor	—	Light sensor	Light sensor	Light sensor, Vibration sensor
Dimension	90mm * 64mm * 27mm	90mm * 64mm * 27mm	90mm * 64mm * 27mm	100*66*29mm
Location Type	LBS base station positioning	LBS base station positioning	LBS base station positioning	LBS,WiFi,GPS
Working Temperature Condition	-20°C ~+60°C			
Working Humidity Condition	Up to 90% (non-condensing)			
Accuracy of Temp and Humidity Sensor	Temp: ±0.3°C; Humidity: ±3%RH			
Resolution	0.1°C			

BLE DATA LOGGER SERIES



1

2

3

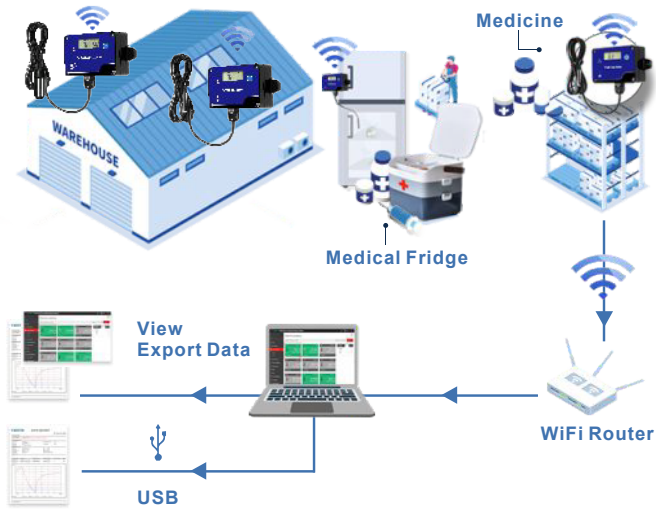
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High stability



	BT03	BT04	BT05	BT05B	BT06
Product Picture					
Dimension	62*36*5mm	50*50*16mm	66*48*10mm	66*48*10mm	84*36*14mm
Weight(s)	14g	30g	25g	30g	40g
Operating Temp	-20 ~ +60°C	-25 ~ +60°C	-25 ~ +60°C	-40 ~ +80°C	-20 ~ +60°C
Temp Resolution	0.1°C				
Accuracy	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.3°C (0 ~ 60°C), ±0.3~0.7°C (other) ±3%(20%~80%)RH, ±4%(other)	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.5°C (-20 ~ 40°C), ±1°C (other)	±0.5°C (-20 ~ 40°C), ±1°C (other) ±3%(20%~890%)RH, ±5%(other)
Humidity Range	-----	0 ~ 85%RH	-----	-----	0 ~ 90%RH
Humidity Resolution	-----	0.1%RH	-----	-----	0.1%RH
Transmission Distance	100 meters	55 meters	55 meters	55 meters	300 meters
Data Storage Capacity	53248pcs	12000pcs	12000pcs	12000pcs	32000pcs
Battery Life	1 year	1.5 years	3 years	1.5 years	1 year
Protocol Standard	Bluetooth 5.0	Bluetooth 4.1	Bluetooth 4.1	Bluetooth 4.1	Bluetooth 5.0
Protection Grade	IP67	IP65	IP65	IP65	IP65

WiFi SENSOR SERIES



	WF501	WF501B
Temp Range	-55°C ~ +125°C	-40°C ~ +125°C
Humidity Range	-----	0%RH~85%RH
Accuracy	±0.5°C	±0.5°C; ±3%RH (20- 80%) , ±4%RH (other)
Built-in Battery	Built in 850mAh / 3.7V battery	Built in 850mAh / 3.7V battery
Resolution	0.1°C	0.1°C
Data Storage Capacity	20000pcs	20000pcs





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