Professional Temperature & Humidity Data Logger (With USB Cable)

Product Images

Short Description

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Description

This temperature station can record up to 50,000 sets of data and transmit them via the wireless USB receiver (included) to your PC.

Recording intervals can be set at 1, 5, 10, 15, 30 minutes or 1, 2, 3, 6 hours. So recording every 1 minute would give you 34 days worth of data before a download was required. Or once every hour would give you well over 5 years of data before the data would need downloading

Free software is included and this will allow you to view the information in various formats as well as export it as a CSV file for use within spreadsheets, etc.

Each extra wireless sensor can be set up with it's own unique name in the software so it it easy to identify.

The wireless sensors are weather proof so they can be mounted outdoors and transmit up to 100 meters.

The base unit offers high and low alarms for both temperature and humidity, these alarm thresholds can be set to the users requirements.

This unit also has the option of switching an external circuit on and off. Using a standard jack plug plugged into the back you can connect it to your own wiring circuit. Maximum of 24 volt DC.

Dewpoint can also be displayed for the base unit or any of the sensors.

Technical Specification

Temperature

- Range: 0°C to 50°C
- Accuracy: +/- 1°C
- Measure Units: °C and °F

Humidity

- Range: 1% rh to 99% rh

- Accuracy: +/- 3% rh

Minimum / Maximum

- Reset: Manual

Dew Point

- Dew Point indication function

Alarms

- Temperature High-Low Alarm
- Humidity High-Low Alarm

Data-Logging

- Can store up to 50 000 measurements

Calibration

- Unit can be calibrated upon request

PC Connection

- PC Software and USB receiver included

Transmission

- Type: Wireless when used with optional additional sensors (30-3180-IT or 30-3181-IT)
- Transmitter: Up to 8 wireless outdoor transmitters can be used

Time

- Radio Controlled Clock
- Display: 12 or 24 hour

Dimensions

- Dimensions: H 137 x W 98 x D26mm
- Weight: 430 grams

Battery

- 3 x AA (included)

Manufacturer

- Manufacturer: TFA

Additional Information

Brand	TFA Dostmann
Temperature	yes
Humidity	yes
Temperature Sensor	Not Included (Can Be Purchased Separately)
Warranty	1 Year
Auto Switch Off	no
Hold Function	yes
Probe Type	no
HACCP Compliant	no
Calendar	yes
Min/Max Readings	yes
Humidity Sensor	Not Included (Can Be Purchased Separately)
Dew Point	yes
Calibration	Can Be Calibrated
Temperature Resolution	+/- 0.1°C
Water Resistant	no
Readings Time Stamp	yes
Protective Case	no
Probe Temperature	no
Cabled Probe	no
Average Values Indicator	no
Comfort Level Indicator	no
PC Connection	yes
Size : Depth	2.5cm
Outdoor Temperature	Yes (Sensor Sold Separately)
Moon Phase	no

Backlight	no
Power	Battery
Humidity Resolution	1%rh
Indoor Humidity	yes
Clock	Radio Controlled
Max Wireless Sensors	8
Transmission Range	100m Open Field
Temperature Range	0 to 50°C
Temperature Accuracy	+/- 1°C
Recording Intervals	Adjustable From 1 Second to 24 Hours
Size : Height	13.8cm
Size : Width	9.8cm
Touch Screen	no
Min/Max Reset	yes
Dew Point Alarm	no
High/Low Humidity Alarm	yes
High/Low Temp Alarm	yes
Outdoor Humidity	Yes (Sensor Sold Separately)
Measuring Units	%, °C & °F
Indoor Temperature	yes
Indoor Temperature Range	0°C to +50°C

Additional Options

Base does not include sensors - add up to 8 extras	Add 1st Sensor
	Add 2nd Sensor
	Add 3rd Sensor
	Add 4th Sensor
	Add 5th Sensor
	Add 6th Sensor
	Add 7th Sensor
	Add 8th Sensor

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