

# DWL Series

## Professional Humidity/Temperature Data Logger

**YUWESE®**

### INTRODUCTIONS

This data logger can measure and store humidity/temperature readings automatically. It has a large LCD that can display realtime readings and logging information. This unit can start a sound and light alarm if exceeds the user set limits. More professional applications can be provided by the unique PC software DGraph™ under Windows xp/7/8 (32/64 bits). User can easily use the software to setup and download data to PC via USB. And user can view, analyse and print the data, or export other file formats(txt, xls, csv, bmp, jpg).



- A Large LCD Display
- High Reliability and Stability for Industrial-grade Application
- Multiple Data Loggers can Be Graphed Together
- Easy to Use

### FEATURES

- Precise and low cost
- Unique and uniform PC control software: DGraph
- USB interface communicate with PC for setup and data download
- Each unit has single serial number
- User can set access password for each data logger
- Two point calibration for each channel
- Start logging method: Immediately, Button, Start at
- Replaceable battery and data is not lost if exhausted
- Alarm limit settings for all channels
- User can customize compound graph
- User can customize new unit easily
- User can name each channel and enable/disable it
- External probe is waterproof and its length can be customized

### OPTIONAL ACCESSORIES



Screws



Humidity&Temp. Probe



Temperature Probe

### SPECIFICATIONS

		DWL-10	DWL-11	DWL-10E	DWL-11E	DWL-20	DWL-21	DWL-20E	DWL-21E
Relative Humidity	Measurement Range					0 to 100%RH	0 to 100%RH	0 to 100%RH	0 to 100%RH
	Accuracy(Typ.)					±3%RH	±2%RH	±3%RH	±2%RH
	Resolution(Typ.)					0.1%RH	0.1%RH	0.1%RH	0.1%RH
Temperature	Measurement Range	-35 to 80°C (-31 to 176°F)	-35 to 80°C (-31 to 176°F)	-40 to 125°C (-40 to 257°F)	-40 to 125°C (-40 to 257°F)	-35 to 80°C (-31 to 176°F)	-35 to 80°C (-31 to 176°F)	-40 to 100°C (-40 to 212°F)	-40 to 100°C (-40 to 212°F)
	Accuracy(Typ.)	±0.5°C (±0.9°F)	±0.2°C (±0.4°F)	±0.5°C (±0.9°F)	±0.2°C (±0.4°F)	±0.3°C (±0.5°F)	±0.2°C (±0.4°F)	±0.3°C (±0.5°F)	±0.2°C (±0.4°F)
	Resolution(Typ.)	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)
Sensor Location		Internal	Internal	External	External	Internal	Internal	External	External
Memory Capacity		32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
Sample Rate		2s to 12h	2s to 12h	2s to 12h	2s to 12h	10s to 12h	10s to 12h	10s to 12h	10s to 12h
PC Software	DGraph software and USB driver required (Included in CD)								
Power Supply	User replaceable two AAA 1.5V battery, or USB interface to Power								
Dimensions	120mm×74mm×24mm(4.8"×2.9"×0.9")								
Case Material and Weight	ABS; Approx. 130 grams(4.59 oz)								