QUICK START GUIDE

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*For detail operation procedure, please download the manual from software CD! *While power is low, completely turn off the logger and replace with new battery.

INSTALL THE SOFTWARE

Insert the datalogger software CD then the installation program should start automatically.

A. Install Software : Run the installation program

B. Website : Visit our website

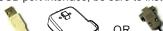
C. Browse CD-ROM: Browse the CD-ROM through Windows.
D. Manual: Detail operation procedure in PDF format

E. USB Driver : Driver for USB type interface

F. Exit : Exit the installation

ATTACH THE INTERFACE & LOGGER

Fit the cable (RS232 port or USB port) to your computer by connecting it to the serial port COM1 or COM2 of your PC or Notebook. To use USB port interface, be sure to install USB driver first.





USB 10 INTERFACE 8824P INTERFACE 8818P

Fit the loggers (88128/8828/29/8813/14/15/8833/34/35/88335/345/355) to your interface by sliding the datalogger

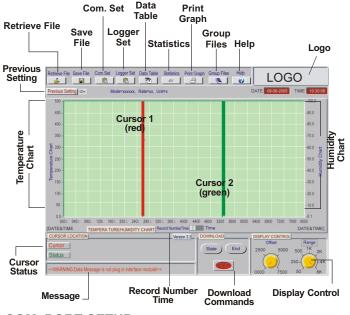
88128/8828/8828

355) to your interface by sliding the datalogger onto interface and make the metal points of the interface & datalogger contacted well. While the datalogger contacts well with interface, the ID information of the datalogger will appear on main screen.

If not, << WARNING: Data Logger is not 8818P/8828P plug in interface module!>> message will appear on screen.

n Interface module!>> message will appe 1

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COM. PORT SETUP

Select icon for "Com. Port Setting". Set correct COM port, Baud rate,

Data bits, Parity and Stop bits. Usually, it's COM1 for most PC. Select up to COM 8 for special systems. Select OK to accept setting changes,

Cancel to abort and to exit com. port setting.

Note:

Always remember to select 9600



LOGGER SETTING

Select "Logger Set" button from main screen to set logger sampling parameters.

To make sure the time of datalogger is correct, always remember to press "OK" at Clock Setting to make the time frame of logger is same as your local time. **NOTE: The time of your PC must be correct.**

The needed parameters are sample points, sample rate, start mode, unit and ID. If "Schedule" is selected as start mode, then start date and time need to be set as well. High/Low alarm setting are optional.

To select "Sleep" mode could make the logger LCD automatically turn off after sampling is finished. The selectable time frame is from 1 sec. to 12 hours.

For few models, the external probe calibration data need to be keyed into logger through computer before start recording. The calibration data will be printed in a small note enclosed with goods. Please keep

the note well. Please enter the values printed on the note into PC (see right photo) and then press "SET" to save the values.

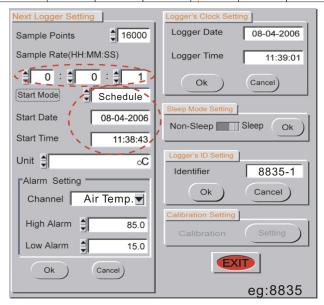
Model	Calibration ?
88335/ 88345/ 88355	Need external temp probe calibration
88375	Need external RH probe calibration



Please refer to below table for the available start mode of each type dataloggers.

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	Immediate	Magnetic	Schedule	On-line	Key Start	Repeat
88128/8828 /8829	•	•	•			
8813/8814 /8815	•		•		•	
8833/8834 /8835	•		•		•	•
88335/8834 5/88355	•		•		•	•



RETRIEVE FILE

Click on icon to retrieve and to load a data file into this program.

This program is designed to log up to AK, 8K or 16K Sample readings.

SAVE FILE

To select a folder and name to save the data. The windows " Save File " dialog box allows you to specify the file format to save the data, the file name to be called and where the file to be saved to.

DATA TABLE

Press icon to view detailed data table which includes 1000 sample readings. Print out the data table to either a printer or a fax /internet application depending on available facilities.

Click on the right mouse button anywhere over the table control to activate a menu which contains **Goto** and **Find** menu items.

Goto You can specify a target cell to go to, using its row and column indices.

Find You can search all numeric and text cells in the entire table, or in a selection range.

The software also offers data selection function so you could set the conditions first and then press "GO" key to highlight the database. The selectable conditions are:

Channel: select the data type you could like to analysis.

Data Selection: **AND/OR**, select to decide the range selected below is AND or OR.

Data Value: tick off and set the needed value range. Error: if Error code appear in data table, when tick off this item, the error code will be highlighted as well.

Alarm color: pick up a color to highlight the selected data.



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Besides the data table will be highlighted, below two information will be counted automatically to help user doing detail analysis.

Usage(Records): The software could help to count how many records is within the range you set.

Counter (Times): Help to count how many runs the data out of the selected range and then come back again.



STATISTICS

Press icon to view histograms of data based on "Whole Range" basis or "Cursor Range" basis.

Whole Range - Sample readings which have been logged.

Cursor Range - Sample readings between two cursors.

The right part indicates Maximum, Minimum, Mean and Standard Deviation (Std.Dev) values from the selected range.

Mean:

Average value of the logged records from selected range.

	_	
Mean		72.0
Std.Dev		11.6
	70	

Maximum

Minmium

85.1

41.4

Std. Dev.:

Calculate each deviation between each value and Mean value; then, get an average figure from totalism deviation.

GROUP FILES

Click on its icon to view "Multi-Logger Monitor", which is designed to view and to compare different data files. You may select and change the color of curve to refer to the file you retrieve by clicking the color block. You can print the screen data by clicking the printer icon at the right top corner.

DISPLAY CONTROL

<u>Offset</u> - To set up from which sample reading you would like to start. Full range of 0000 to 7500 are selectable.

<u>Range</u> - To set up the range of sample reading you would like to cover in the chart. There are 50, 250, 500, 1K, 2K, 4K, 8K for

selection.



WARRANTY

The meter warrants to be free from defects in material and workmanship for one year from the date of purchase. This warranty covers normal operation and does not cover batteries, misuse, abuse, alteration, tampering, neglect, improper maintenance, or damage resulting from leaking batteries. Proof of purchase is required for warranty repairs.

RETURN AUTHORIZATION

Authorization must be obtained from the supplier before returning. Returned with good packing against possible damage.

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<u>SPECIFICATION</u>

TEMP RANGE - 40-85°C (-40-186°F) -30-70°C (-22-158°F) HUMIDITY RANGE SHAPE SHAPE SHAPE POWERBAIT ER3 lithtum battery x1 ACCIORX x1 ACCIORX x1 ACCIORX x1 ACCIORX x1 ACCIORX x1 BAILOWOSPICAT Up to 16000 SAMPLE DATA ILCO DSTALY SAMPLE POWER X1 SEE - 12 x 25.5 mm WATER RESISTANT WATER PROPOR	0~100% RH	70°C (-22~158°F)	40-85°C (INTERNAL), 10-150°C (EXTERNAL BRISA-55) CONTRACTOR CONTR
ER3 (iffurm battery x1			ABSOLUTION STATE OF THE STATE O
ER3 (irinum battay x1 ER9.±12% (20-50°C) = 1.12°C (40-20°C; 51-60°C) 1 RH%.±3% (21:25°C; 10-30%), ±5% at others 10°C		r :: 000000	
Temp± 0.6 C -20-50 C 1-1.2 C -40-20 C 51-48 C	ı battery x1	CR2032 X 1	ER3 lithium battery x1
IND TO THE TEST TAX SELAY 1.0° DISPLAY 1.0	1~8°C) ₁	emp.±08°C(20~50°C) ,±12°C(-30~20°C,51~70°C)	Temp.±0.6°C(-20-50°C) ,±1.2°C(-4020°C,51-85°C) RH% +3% at 25°C
ATA Up to 16000 Up to 40 ONTS IKEXPLAKBK12K16K IKEXPLA SIZE:12 x 25,5 mm SIZ SIZE SIZMI SIZMI	"Lo" DISPLAY	"bAt" FLASH	"Battery icon" DISPLAY
NNTS 1K/ZK/4K/BK/12K/16K 1K/ZK/4 SIZE-12 x 25.5 mm SIZE WATERPROOF WATER RESISTANT		to 4000 8000	Up to 8000
4V SIZE-12 x 25.5 mm SIZ WATERPROOF WATER RESISTANT		2K/4K 1K/2K/4K/8K	1K2K4K8K 1K12K4K18K/16K
WATERPROOF WATER RESISTANT	25.5 mm	SIZE:12 x 25.5 mm	SIZE:12 x 25.5 mm
		WATERPROOF	WATERPROOF
DIMENSIONIS(mm) 80(L)x55(M)x22(T) 80(L)x55(M)	(W)x22(T)	80(L)x55(W)x22(T)	72(L)x56(W)x21(T)
LED SIGNAL Red (HI,LO Alarm) Mellow(Record) Red (HI,LO Alarm)		Red (HI, LO Alarm) /Yellow(Record)	Red (HI,LO Alarm) / Yellow (Record)
RESOLUTION 0.1°C (0.1°F) 0.1°C (0.1°C)	2 (0.1°F)	0.1°C (0.1°F)	0.1°C (0.1°F)