

Water Proof Data Logger

Genuine !



Reliable Quality !
Electronic recording device for
temperature, humidity and shock

- ◆ Water proof structure that can stand even if it is dropped in the water(patent pending). Humidity measurement type is now released that has never been so far!
- ◆ Conforms NFC communication standard, which is international standard correspondence- Available for airplanes!

Temperature and Humidity data logger



KT-155F
Embedded sensor type
(Open price)

KT-255F
Embedded sensor type
(open price)

KT-155FP
External sensor type
(Open price)

KT-255FP
External sensor type
(open price)

Temperature recording of cold chain/Temperature and Humidity control in warehouse or green house

Shock data logger



KT-195F
Embedded sensor type
(open price)

KT-295F
Embedded sensor type
(open price)

Possible to identify the exact time of drop or collision !

shock measurement during transportation
(food/medicines/precisionmachinery/materials/parts/etc)

Just putting it closer to the reader for setting, sampling, recording and checking

“PaSoRi”



“FeliCa” Port PC



NFC communication reader “PaSoRi” RC-S330/S are available from us

NFC communication

NFC stands for Near Field Communication . It is international communication standard that is operable in overseas. FeliCa standard or “SuiCa” and “Edy” that are used in Japan as electronic money also satisfy the same standard.

Software Free software for data graph display and report generation are available for download

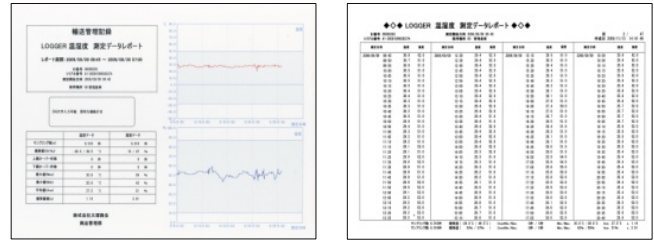
Graph display screen

Automatic data reading is available by putting a logger above the reader. Maximum value, minimum value, average value other than transitive value can be displayed on the screen.



Report of recording certificate

Sampling data can be printed in report format. The data can be also stored in CSV format so that it can generate an original report.



Sampling Date	Temp	Humi
2010/09/15 16:00	28.7	55.0
2010/09/15 16:16	30.2	52.0
2010/09/15 16:17	31.0	51.0
2010/09/15 16:18	31.9	50.0

Sampling Date	Shock(X)	(Y)	(Z)
2010/09/15 16:08	3	14	3
16:08	2	-5	3
2010/09/15 16:08	42	30	-16
16:12	9	15	-11

★ Abnormal data is displayed in red by setting lower value or upper value of temperature, Humidity and Shock in condition setting screen.

Specification Easily visualize consistent temperature variation, Shock generation during transportation and storage.

Model	KT-155F	KT-255F	KT-195F	KT-295F
Appearance				
Sampling item	Temperature	Temperature/Humidity	Shock/Temperature	Shock/Temperature/Humidity
Sampling range	Temperature	-40°C~80°C	-40°C~80°C	-40°C~80°C
	Humidity	—	5%~90%	5%~90%
	Shock	—	—	±5G~±75G
Resolution	Temperature	0.1°C	0.1°C	0.1°C
	Humidity	—	1%	—
	Shock	—	—	1G
Accuracy	Temperature	±0.3°C	±0.3°C	±0.3°C
	Humidity	—	±5%	—
	Shock	—	—	±15%
Sampling capacity	Temperature	8,000 samples	8,000 samples	6,000 samples
	Humidity	—	8,000 samples	—
	Shock	—	—	XYZ each axis 2,000sample
Sampling interval	1~255 min. interval (Shock is recorded whenever it is sensed)			
Examples of sampling interval calculation (10 min. sampling interval)	55days	55days	40days(No Shock)	40days(No Shock)
Battery	Type	CR2477		CR2477
	Life	2 years		60 days
Water proof structure	IP67	IP67 filter used	IP67	IP67 filter used
Dimension	90(W) × 34(H) × 15(D)mm			
Weight	About 45g			
Corresponding reader	NFCcommunication (USBconnection reader "PaSoRi"・"FeliCa" port PC, "FeliCa" port mobile phone(OSAIFU-KEITAI))			

- Operational temperature range ±0.3°C (-10°C~+50°C), ±0.5°C (-40°C~+50°C~+80°C)
- Battery life depends on usage. Please use this information as reference.
- WATCHLOGGER (Watch Logger) is a registered trade mark of Fujita Electric Works, Ltd.
- FeliCa and PaSoRi are registered trade mark of SONY Corporation.
- Official SONY PaSoRi models are RC-S370, RC-S360/S, RC-330/S.
- Operational environment, OS:Windows/XP/Vista/7, CPU: Pentium 200Mhz or more, CD-ROM drive and USB port.
- Specifications in the catalogue are subject to change for improvement without prior notice.
- There may be some color differences between actual product and catalogue due to finish of the printing.

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