

## DATA LOGGER KT-165F/265F

We would like to thank you for choosing "Data Logger" KT-165F/265F.

Prior to using "Data Logger", please be sure to read this instruction manual carefully and understand the contents, and have it in your custody.

### Note

- Copy right of this instruction manual belongs to Tashika Co., Ltd.
- All rights reserved.
- Contents of this instruction manual is subject to change without prior notice.
- For questions or concerns, please contact our Customer Service Center.
- Tashika Co., Ltd. is not liable for any damages caused by use of the product.

### ! Limit of use

- On use of this product for equipment directly related to the operation of aircrafts, trains, ships or automobiles, or emergency and safety equipment that requires high reliability and safety, please make sure in advance that fail-safe design or robust design is provided with the total system separately in order to secure reliability and safety.
- This product is not intended to design for equipment that require extremely high reliability and safety, such as aerospace equipment, main communication equipment, nuclear control equipment, etc. Users are suggested to study if this product is conform to such applications before use.

### Contents of the package

1. DATA LOGGER KT-165F (or KT-265F) Main unit 1 Piece

2. Lithium-ion battery, coin type CR2025 (installed) 1 Piece

3. Instruction manual(warranty is card enclosed) 1 Set



### Operating instruction

- Stored data can be checked by PC through PaSoRi RC-S380/S which meets Felica communication standard.
- One unit of PaSoRi RC-S380/S can work with any number of KT-165F/265F.
- Docomo mobile phone with i application installed can be also used for checking. Please check the specification of mobile phone terminals as some models may not be compatible.

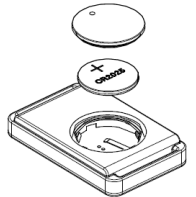
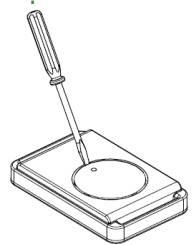
※PaSoRi is a registered trade mark for Sony.

#### 1. Changeover of display

- Stored data can be displayed on LCD panel of DATA LOGGER by changing setup option..
- Following data can be displayed on LCD panel of DATA LOGGER:  
Temperature, humidity, shock, minimum value, maximum value, location number, alarm for abn temperature, humidity and shock, alarm for battery life, data collection in process..

#### 2. Change of battery

- ※ All stored data is retained even though battery is removed from DATA LOGGER KT-165F/265F. Settings(ID number, alarm for temperature and humidity shock, unit settings, etc) are also retained; however, it is suggested to copy data before changing battery for precaution.
- Battery lid at back side of of DATA LOGGER KT-165F/265F can be opened by using a small screw driver shown as illustrated.
- Put a coin type lithium-ion battery shown as illustrated. Make sure +mark is on top. (When battery is replaced, make sure to use brand new CR2025, and leave more than 1 minute after removing the old one before putting a new one)
- In order to secure water proof performance, please make sure to place a rubber packing of the lid properly and check no dust adhered to battery lid.
- Make sure to slide the battery lid down to the end until clicking sound.
- Make sure that no bulge is observed at battery lid of DATA LOGGER KT-165F/265F.
- ※ Data measurement or water proof may not be performed as per specification if battery is not changed properly.
- ※ Enclosed battery is supplied for monitoring purpose only. Life of the battery may be shorter than specified.



#### 3. How to measure temperature humidity and chock using DATA LOGGER KT-165F/265F

- Place DATA LOGGER 165F/265F at the point where measurement is taking place before measurement starting time set in advance. Please make sure that the unit should be placed free from direct contact of any objects that generate heat, refrigeration and heat radiation.
- ※ Especially for DATA LOGGER KT-265F, make sure that humidity sensor window should not be blocked, and avoid to use it in the place where condensation is formed, or it is exposed to water, seawater or dust as it may cause damage to the unit.
- After measurement is completed, please check stored data through PaSoRi which is compatible with FeliCa communication standard.

## Product specification

### 1. DATA LOGGER KT-165F specification

Measurement item	Temperature
Measurement range	-40°C~80°C
Measurement accuracy	±0.3°C (-10~+50°C)
Sample capacity	16,000points
Sampling interval	May be set from 1~255 minutes in one minute increments
Battery life	10 months(subject to the condition of use)
Interface	Wireless communication by FeliCa communication standard
Water proof	Anti- infiltration form (IP67)
Outer dimension	H54.0×W34.0×D10.0(mm)
Weight	Approx.18 grams (including battery)

### 2. DATA LOGGER KT-265F specification

Measurement item	Temperature	Humidity
Measurement range	-40°C~80°C	5%~90%
Measurement accuracy	±0.3°C (-100~+50°C)	±5%
Sample capacity	16,000 point each (Histogram based 16,128)	
Sampling interval	May be set from 1~255 minutes in one minute increments	
Battery life	3 months (subject to the condition of use)	
Interface	Wireless communication by FeliCa communication standard	
Water proof	Anti- infiltration form (IP67)	
Outer dimension	H54.0×W34.0×D10.0(mm)	
Weight	Approx. 18 grams (including battery)	

### ! Warning

- Please do not take it apart, remodel, deform, heat or put in the fire.
- Please do not use it under abnormal conditions, such as in smoke, strange odor or abnormal noise.
- ★ Use in such inadequate condition may result in fire, electric shock or damage of related equipment.
- Battery must be stored beyond reach of small children. Consult with a doctor immediately if battery is swallowed by accident.
- Battery must be insulated by taping in case of scrap or store. It may cause fire or explosion when it is mixed with other metals or batteries.

### ! Caution

- Tashika Co., Ltd. is not liable for any damages caused by use of measured data.
- Damage of PC and damage of the product caused by inadequate handling are not in the scope of the warranty.
- Please strictly follow the condition of use in product specification. Performance under the condition beyond specified range is not subject to guarantee.
- Temperature range for humidity measurement is +5°C~+45°C. Measurement accuracy beyond specified range is not subject to guarantee.
- Measurement accuracy in threshold area may not meet the above specification.

## Warranty provisions

1. Tashika Co., Ltd. offer free repair service for the damage occurred under normal use as per instruction manual. Please contact sales shop at which product is procured.
2. Please produce the product along with warranty card to sales shop at which product is procured when free repair service is required during warranty period. If onsite repair is requested, business trip cost needs to borne by the customer separately.
3. Please contact us directly when it is difficult to contact sales shops.
4. Free repair service is not available for the following cases even within warranty period.
  - (A) Damage caused by mishandling, natural disaster, fire, pollution, or use of power supply not specified.
  - (B) Unit repaired, adjusted, overhauled, remodeled by anyone other than approved by Tashika Co., Ltd.
  - (C) Damage caused by transportation, moving or drop after purchase.
  - (D) No presentation of warranty card or missing of necessary information in the warranty card.
5. This warranty is valid only in Japan. This warranty card is not re-issued.

★ This warranty card is to commit free repair service during warranty period provided that condition described in this instruction manual is satisfied. We have no intention to interfere any customer's legal right. Please contact sales shops or Tashika directly if further information is required regarding repair service beyond warranty period.

## DATA LOGGER KT-165F/265F Warranty card

Warranty period	One year from the date of purchase		
Name			
Phone number			
Address			
Date of purchase	year	month	date
Name of shop			
Shop address			
Phone number of shop			
Warranty	Main unit	·	Software
Repair method	Bring in repair		

Tashika Co., Ltd. offer free repair service when product is damaged under normal use as per instruction manual. Please contact sales shop and produce this warranty card along with damaged unit for repair service.