



## HK-J9A205 PDF

### Temperature and Humidity Data Logger

## Introduction

HK-J9A2XX series Temperature and Humidity Data Logger has internal high-precision sensors for temperature or temperature and humidity measurements. The device stores maximum 65000 measuring data automatically with selectable sampling intervals from 1s to 24h. It is equipped with intelligent data analysis and management software for data download, graph checking and analysis, etc.

This device is designed with LCD, LED indicators and buttons. Real-time readings and alarm information can be displayed on LCD. The two LEDs flash in Red, Green and Yellow colors to indicate the status of working and alarming. It's easy to operate with the two buttons to browse real-time readings, start/ stop logging and power ON/OFF, etc.

There are several models in this series of data logger, providing single temperature, temperature and humidity measurements in different ranges and accuracy to meet customers' different demands.

## Content of Delivery

Data Logger	×1
CR2450 3V Battery	×1
Amount Holder with Screws	×1
Software CD	×1
Operating Manual	×1
Giftbox package	×1

## Product Elements



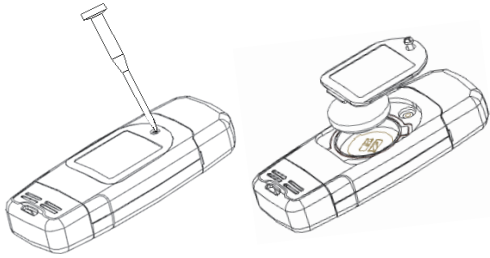
## Software/Driver Installation

The software and driver support to run on Windows XP, Vista and Windows 7/8/10 32 bit and 64 bit operating systems.

1. Insert the CD into your computer CD-ROM.
2. The installation will run automatically. If not, please go to the CD-ROM directory, and open the installation file "setup.exe".
3. Follow the instructions on the dialog box, select the installation directory.
4. Select whether to create a shortcut.
5. Select whether to install the driver and start Smart logger application immediately.
6. For further information, please refer to the help file on software.

## Product Specification

## Installing/Replacing Battery



This product uses a CR2450 button battery. Please install the battery before operating the data logger. When battery capacity is not sufficient or during replacing battery, the data logger will stop recording but the recorded data will not be lost. User needs to download the data to PC and replace with a new battery to restart the data logger.

**NOTE:** During the data logger plug into PC USB port, the data logger can be powered via USB, but it will not charge the battery.

1. The battery cover is on the backside of the housing. Counter clockwise rotation with a screwdriver, loosen the screws on the battery cover.
2. Remove the battery cover, and put the new CR2450 button battery into the battery compartment. Make sure the battery positive(+) side up, then place the battery cover back and tighten the screws.

**NOTE:** At low power, the battery symbol will be displayed on LCD screen, and the REC and ALM LEDs will be disabled automatically.

## Measuring Operation

After successfully installing the software and setting the logging options, place the data logger in the measurement location. Showing REC sign on the LCD screen means recording started and the REC LED flashes according to the set intervals. Once reach the preset number of record points, the data logger will stop recording automatically. Recorded data can be read on your computer via the software.

**NOTE:** The defaulted operating mode on data logger is "Only Real-time Monitoring". It will only provide real-time measurement but not recording. If you need to start recording data, please set to other modes via Smart Logger software.


## Button Functions

Button Definitions	Functions
TEMP/RH Button: Press for 3 seconds	Power on if the data logger is off. Start recording if you select start mode "By Button".
TEMP/RH Button: Single press	Switching display real-time value between Temperature & Humidity.
MAX/MIN Button: Single press	Switching display value among MAX/MIN Temperature and Humidity
MAX/MIN Button: Press for long period	Switching display value among Hi/Lo temperature and humidity alarm
TEMP/RH Button + MAX/MIN Button: Press both buttons for 3 seconds	Power off the data logger.

## Reading Data

Start the Smart Logger software and connect the data logger to PC. Please follow the instructions manual in the CD to read the data.

## Disposal

In order to protect and improve the quality of environment, protect human health and use natural resources rationally, the user should return waste electronic equipment and used batteries to relevant facilities in accordance with statutory regulations. 

## Specifications

Model No.		HK-J9A205
Temperature	Range	-30~70°C (-22~158°F)
	Accuracy	±0.5°C
	Resolution	0.1°C (0.2°F)
Humidity	Range	0~100%RH
	Accuracy	±3.2%RH
	Resolution	0.1%RH
Data port		USB
Waterproof Level		IP65
Display		LCD
Sampling		1 second ~24 hours selectable
Records		16000 data
Software		Included. Compatible with Windows Vista, windows 2000/2003, Windows 7, 8, 10 systems.
Power Supply		1*CR2450 3V
Dimension		92mm*35mm*20mm
Weight		60g