

# KH300AB Mini Blue Paperless Recorder



## Introduction:

KH300AB mini blue paperless recorder (96x96x85mm, up to 6 channels) is blue LCD display; completely isolated universal input such as thermocouple, thermal resistance, current and voltage, frequency input; adopts modular structure output functions such as alarm, auxiliary power supply for sensors output, retransmission, print and communication etc. Measuring data can be displayed in various types, such as graphic display as bar-graph, real-time trending, history trending memory, real time circular chart, history circular chart memory and alarming state display; also can be printed in curve and data by mini printer through RS232 port. At the same time, it also provides features to check the data's of year, month, day, hour, minute, second directly. Recorder can be configuration with OPC server, SCADA system and other professional software with MODBUS-RTU communication protocol through RS485 port. The history data can be downloaded directly by USB flash drive, plug and play, easy and flexible. PC supported data analysis software can print the data in curve and output Excel format for further analysis.

## Specifications:

---**Accuracy:**  $\pm (0.2\%FS+1)$  digit

---**Power supply:** 100-240VAC; 24VDC

---**Display:** 3.5 inch , 320\*240 blue LCD

### ---**Input Signal**

T.C: K, S, E, J, T, B,N, R, WRe526, WRe325

RTD: PT100, CU50, CU100

Linear voltage: 0-5V, 1-5V

Linear current: 0-10mA, 4-20mA

Frequency input: 0-5KHZ, one channel

Specials: 0-20mV, 0-60mV, 0-100mV, 0-500mV

### ---**Output Module**

Relay alarm output

4-20mA Retransmission output

RS485 Communication port

24VDC Aux. Power Supply output

RS232 Printing port

USB Port

### ---**Record time**

Flexible setting interval time: 1s, 2s, 3s, 4s.3600s

Record Time:

$$\frac{45\text{days} \times \text{Record interval time}}{\text{Channel numbers}}$$

### ---**Screensaver Protection**

Screensaver time setting for LCD background light auto off when no any operation in order to decrease the power consumption

### ---**Power-off Protection Time**

The setting parameters and history data can be kept by FLASH MEMORY, memorized forever if power off.

Hardware clock built in for still accuracy running.

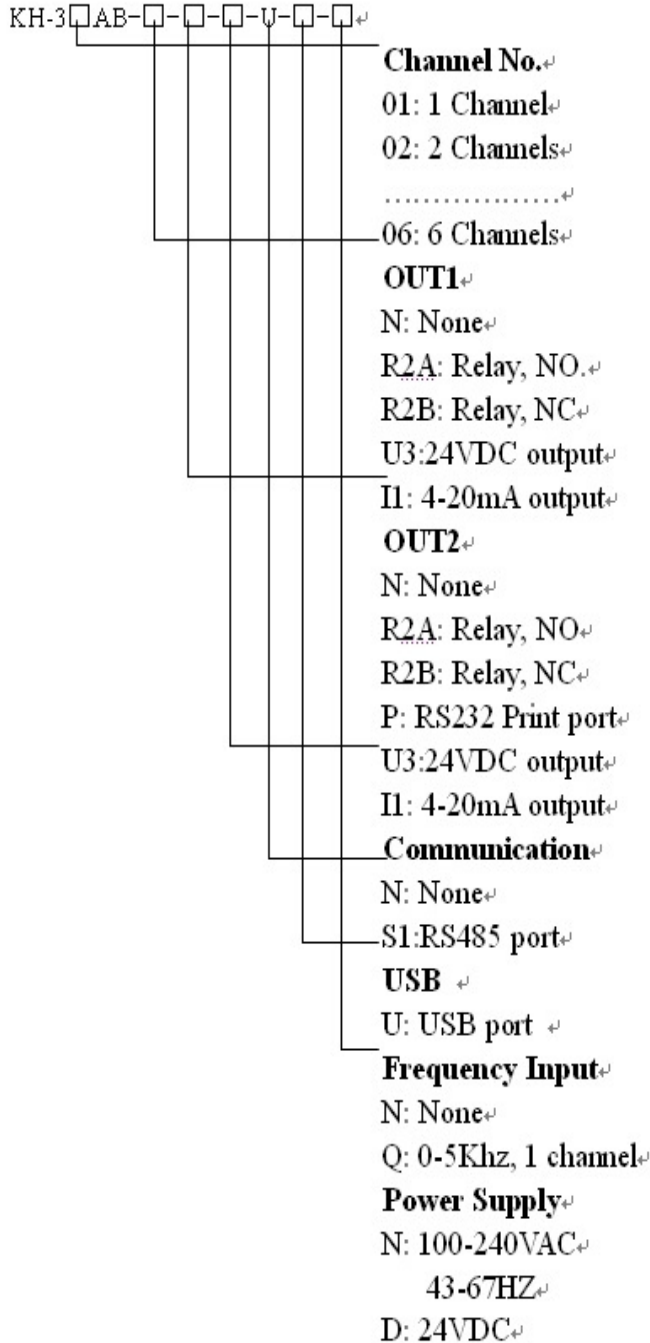
### ---**Environmental temperature:**

0-50°C

### ---**Environmental humidity:**

0-85%RH

**ORDER CODE:**



**E.g.** Order Code: KH306AB-R2A-R2B-S1-U-Q-N, model: KH300AB, 96X96X70mm, 6 Channels input, 2 relay output, RS485 communication port, USB transfer, 0-5Hz frequency input, 100-240VAC power supply.



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