

KISTOCK DATALOGGER
HVAC range : KT110 / KH110

Temperature / Humidity / Light



: 12000 - 16000 : 1000 values /
: ~ 3
() IP 40
2 setpoint alarms

Part number					
KT-110-IN	Yes	No	0	12 000	, ,
KT-110-IO	Yes	1 line	0	12 000	
KT-110-AN	Yes	No	1	16 000	
KT-110-AO	Yes	1 line	1	16 000	
KH-110-AN	Yes	No	0	16 000	
KH-110-AO	Yes	1 line	0	16 000	

	KT110	KH110
	°C, °F, mV, V, mA, A	°C, °F, %RH, °Ctd, Lux*, °Ftd
	0.1 °C, 0.1 °F, 0.001 V, 0.001 mA, 0.1 A	0.1 °C, 0.1 °F, 0.1%RH, 1 Lux*
External inputs	1 Jack connector 2.5 stereo	
Setpoint alarms	2 setpoint alarms	
	1 ~ 24	
	-40 ~ +70	-20 ~ +70
	-40 ~ +85	
	5 **	

98.7 x 67.8 x 34.7 mm

113 g

1 LCD (45 x 17 mm)

Control

2 keys : Select and OK

ABS

: Elastomer

IP 40

PC communication

1 digital input

Digital electronics

Lacquer protected circuit board
Meets RoHS standards

3.6V 1/2 AA

2 (,)

Environment

Air and neutral gases

*

** 20

15

KT110

()

	NTC
	-40 ~ +120 ()
	±0.3 °C (-25 °C < T < +70 °C) ±0.5 °C (beyond)

	NTC
	-40 ~ +70
	±0.4 °C (-20 °C < T < +70 °C) ±

INPUT ()

	0/4-20 mA
	±0.2 % of the measurement ±1 µA

INPUT ()

	0-10 V
	±0.2 % of the measurement ±1 mV

• AMMETER CLAMP (OPTIONAL)

	0-50 A / 0-100 A / 0-200 A / 0-600 A
	±1 to 2.5 % of the value displayed (according to measuring range)

See technical datasheet "Measuring probe and cable for class 110/210 kistock dataloggers"

()

KH110

• -

	Hygrometry	Temperature
	CMOS	
	5 ~ 95% RH	-20 ~ +70
	Accuracy** (Repeatability, linearity, hysteresis) : ±2%RH (from 15°C to 25°C) Factory calibration uncertainty : ±0,88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	-20 ~ 0 : 2% of displayed value ± 0.6 0 ~ 30 : 0.5 30 ~ 70 : 1.5 % of displayed value
(t _{0.63})	50 s (Vair = 2 m/s)	25 s (V = 2 m/s)

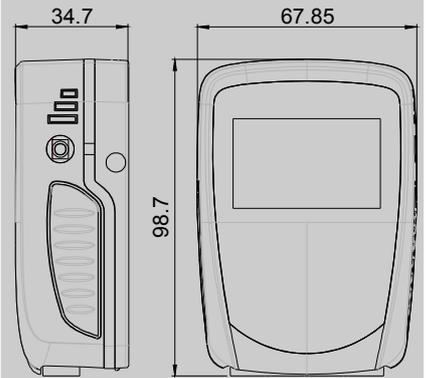
• LIGHT SENSOR

	Photodiode
	0 ~ 10000Lux
	±10 %

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

**As per NFX 15-113 standard and the charter 2000/2001 Hygrometers, GAL (Guaranteed Accuracy Limit) which has been calculated with a coverage factor value of 2 is ±2,88%RH between 18 and 28°C on the measuring range from 5 to 95%RH. Sensor drift is less than 1%RH/year.

DIMENSIONS (mm)



CONNECTIONS

External input (KT 110-A)



Jack connectors (2.5)
Probes inputs for :
- NTC temperature
- Current input cable
- Voltage input cable
- Ammeter clamp

PC connection input

Jack connector (3.5)
Input for Kistock-PC software



5가

- "Immediate" ()
 - "Minimum", "Maximum" "Average" , ,
 - "Monitoring" (, .)
 - setpoint
 - setpoint
- "loop " 가 .

dataset :4가

-
-
- push button
- Online : PC

dataset : 6가

-
-
-
- FULL
-
- "OK": -

The screenshot shows a control panel with a digital display and several buttons. The display shows '1 2 3.88:8.8' with units 'mV', '%RH', '°F', and 'mA'. Below the display are buttons for 'MAX', 'MIN', 'REC', 'LOG', 'ACT', 'TIME', 'END', and 'FULL'. To the right, there are buttons for 'END DATASET', 'REC', 'LOG', 'ACT', 'TIME', 'MIN', and 'MAX'. Below these are indicators for '1', '2', and 'FULL'. At the bottom right, there is a battery icon and the text ': 5 (4 +)'. The text ': data set' is also visible.

bAt LED 가 ,

Err LED : -> "select " & "OK" RESET

Err LED : -> "select " & "OK" RESET



• Configuration and data processing software &

- Software.....Ref. KILOG-N
- USB interface.....Ref. I-KIC2
- Complete set : soft + 1 interface.....Ref. KIC2 KILOG



• KILOG CFR software
KILOG CFR 21CFR -Part 11
가 가



• KISTOCK-PC interface K
PC - KISTOCK() USB
Ref. I-KIC2

- Interface.....Ref. I-KIC2
- Complete set : KILOG 1CFR software + 1 interface.Ref. KIC2-CFR-N



Software is compatible with the former range of Kistock.



• KNT
KNT KISTOCK
, (500,000)
PC
Ref. KNT 300



• KNT
Ref. ITP



• ()
Ref. KAV-N



KISTOCK , : , 90

- NTC
PVC, 5m, (male & female)
Ref. KRC 5
- 25m 가

- Lace. Ref. KDC
- Lithium ½ AA battery. Ref. KBL

Calibration ()

KISTOCK calibration certificate ()

가

가

- ()
- ()



Wallmount and lace eyelet

Magnetic mounting

: 5 (*)

- 1.
- 2.
- 3.
- 4.

- "SELECT" & "OK" 2

* 15 (20)