DATA SHEET

kiro solo data logger temperature and humidity 0566 1003-20

B|B SENSORS

Description

Technical data	
Power Supply	(4) 3.6 V AA Lithium Thionyl (included). Optional - External AC/DC Power Supply - UL certified - Universal input: 100 V AC to 240 V AC
Battery Life	Up to 2 years based on standard 20 minutes sample rate
Dimensions	Height: 4"3/4 (120 mm), Width: 3" (76 mm)- 4"(100 mm) with vial, Thickness: 1" 1/4 top (32 mm) & 2"1/8 bottom (54 mm)

Technical data	
Display	1.8" TFT Color LCD Screen
Radio Protocol	IEEE 802.11 b/g 54Mbits/sec
Warranty	1 year warranty
Enterprise Security	PEAPv0 with EAP-MSCHAPv2 (PEAP)
Memory	On-transmitter buffer storage
Alarms	via SMS or email
Mounting	Easy zip tie mount hooks with screw holster wall mount for easy mount & removal. Includes water spillage resistance bag
Housing	ABS plastic enclosure with silicon rubber covers on open ports. Removable glycol vial holder. 180 degree adjustable antenna
Temperature Range	-40°C to 120°C
Humidity Range	0...100% RH
Temperature Accuracy	±0,4°C (@25°C) / ±3 % RH
Ambient Operating Range	-40°F to 167°F (-40°C to 75°C). Up to 95% RH
RF Frequency	2.4 to 2.497 GHz

Characteristic features

- On-board LCD to satisfy CDC requirements
- Patented Firmware
- NIST certified Snap-Calibration
- Ok-push button to force real-time device reading
- Multi LED for connectivity status
- In-house ISO17025 Certified Calibration Lab
- No proprietary software
- Device independence - no extra hardware
- Scalability
- Lowest total cost of ownership
- Optional A/C power adapter
- FDA 21 CFR part 11 compliant
- Validated FIPS Compliant Microsoft® Azure Cloud

Applications

- Hospitals
- Vine cellars
- Laboratory facilities
- Food controls
- Vaccine testing
- Clean room monitoring
- Machine monitoring
- Agriculture
- Transport Monitoring
- Cold Chains

Technical changes reserved
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B+B Thermo-Technik GmbH | Heinrich-Hertz-Straße 4 | D-78166 Donaueschingen
Fon +49 771 83160 | Fax +49 771 831650 | info@bb-sensors.com | bb-sensors.com

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- Printing Industry
- Museums
- Server rooms

Scope of supply

- kiro solo basic device
- 4x lithium thionyl 3,6V AA Battery
- Wall mounting

Information:

The power adapter, the B+B cloud and the sensors are not included
in the scope of supply. Please order separate.

Features

kiro solo are high speed wireless modules with PEAPv0 enterprise se-
curity, capable of collecting, storing and transmitting data wirelessly
over a standard 802.11 b/g (Wi-Fi – RF Frequency 2.4 to 2.497 GHz)
with TCP protocol. The transmitter passes information to a standard
access point which can be accessed by any Wi-Fi-enabled network.
Each transmitter monitors against preset conditions that are defined
by the user. Alerts can be provided through. Information recorded (in
°F and °C) to the database is time-stamped and cannot be altered
through the user interface.