

DATA SHEET



kiro solo data logger temperature 0566 1001-20

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)
Sealed Glycol Vial	Used to dampen temperature probe response to door openings and sudden air temperature fluctuations.

Technical data	
Display	1.8" TFT Color LCD Screen
Radio Protocol	IEEE 802.11 b/g 54Mbps/sec
Warranty	1 year warranty
CE-Conformance	2004/30/EU
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	-50°C to 200°C
Temperature Accuracy	Class A probe: $\pm(0.15+0.002 \cdot \text{Temp})^{\circ}\text{C}$. Class 1/10 DIN probe: $\pm 1/10 \cdot (0.3+0.005 \cdot T)^{\circ}\text{C}$
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

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- Printing Industry
- Museums
- Server rooms

Scope of supply

- kiro solo basic device
- Mount for Glycol Bottle
- B+B Glycol Bottle (empty)
- 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 security, 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.