**Multi-Use -**
**USB Temperature Data-logger up to Battery Life.**

# HONEYWELL
# BLUTAG 360™



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**An Innovating Journey**

**Honeywell BluTag 360™–USB Data Logger** – A USB based solution consisting of a **TEMPERATURE** sensor along with Honeywell BluTag 360™ PC application that can work in offline mode in areas where network connectivity is poor. Customers can configure their devices to suit their needs related to sensor settings, recording intervals and can directly generate a PDF report via the software when connected to the PC.

## FEATURES AND BENEFITS

± Extremely reliable and accurate temperature sensor offering an accuracy of ±0.5°C across the entire operating range

± USB Interface to directly download reports as desired by user

± LED indicators with clear visibility on battery status, device activation status and temperature status

± PC software for quick device configuration with the option to enter shipment / batch information for every device, which would be displayed in shipment report

± Visibility into shipment history for the past 30 days which can be downloaded as pdf and locally stored in computer

± PDF and Excel report extraction supporting local time zones

± Reconfigurable and can be deployed for multiuse recording option

## HONEYWELL BLUTAG 360™ – TECHNICAL SPECIFICATIONS

| DESCRIPTION | HONEYWELL BLUTAG 360™ USB DATA LOGGER |
|---|---|
| Part No | 365-BT-USB-WHO-20 |
| **PHYSICAL SPECIFICATIONS** | |
| Size (L X W X H) | 76.9 x 61.2 x 13.5 mm |
| Weight | ~40 grams |
| Protection Class | IP64 (with protective cap over USB) |
| **TECHNICAL SPECIFICATIONS** | |
| **BATTERY** | |
| Battery Type | Lithium Manganese-Dioxide |
| Cell | 1 x 3V Coin Cell (CR 2450-Panasonic) |
| Battery Life* | Up to 1 year (activated) |
| **TEMPERATURE SENSOR SPECIFICATIONS** | |
| Temperature Measurement Range | −30°C to +60°C |
| Temperature Accuracy | ± 0.5°C from −30°C to 60°C |
| Resolution | 0.2 |
| **PROGRAMMABLE FUNCTION** | |
| Start-Up Delay | Programmable From 0 to 4 Hours; Factory Configuration Available If Needed |
| Temperature Thresholds | Programmable From −30°C to +60°C; Factory Configuration Available If Needed |
| Measurement/Recording Interval | Configurable Starting From 1 Minute; Factory Configuration Available If Needed |
| Alert Function | Programmable High and Low Limits; Alarm is Triggered When Temperature Exceeds Set Limits and Captured in Report |
| Software Interface | Honeywell BluTag 360™ PC Application |
| Reset Function | Yes, Available |
| LED Status Indicator | ± Temperature Excursions Status        ± Device Activation Status        ± Battery Health Status |
| Memory Type | Non-Volatile Memory (Flash) |
| Storage Temperature | −25°C to +35°C |
| Storage Capacity | 16,000 Data Points |
| Reporting | PDF + EXCEL |
| **QUALITY** | |
| Calibration Validation Certificate, Traceable to NIST Standards | |
| **CERTIFICATION** | |
| CE, RTCA DO/160G, SECTION 21.5, CATEGORY H (Suitable for Airline Use), ROHS, WEEE | |

* Extreme low or high temperature can impact the battery life

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**Honeywell**

# Sample Report :
# Possible in PDF & EXCEL Format

## Honeywell

**Honeywell BluTag 360™**
**Temperature Report**

**Model : Honeywell BluTag 360™**
**Device ID : 0010012103030116**

**Alarm Status**

| | |
|---|---|
| Low Alarm: | NO |
| High Alarm: | NO |

**Version**

| | |
|---|---|
| PC Application: | 1.0.8 14042021 |
| Device Firmware: | 2.5.0 25012021 |

**Device Configuration**

| | | | |
|---|---|---|---|
| Low Alarm: | Enabled | High Alarm: | Enabled |
| Min Temp Limit: | 30 °C | Max Temp Limit: | 35 °C |
| Low Alarm Mode: | Single | High Alarm Mode: | Single |
| Low Alarm Delay: | 0d:0hr:0m | High Alarm Delay: | 0d:0hr:0m |
| Logging Delay: | 0d:0hr:0m:0s | Logging Interval: | 1 min |
| Shipment ID: | Kelfos Instruments | | |
| Time Zone: | (UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi | | |
| Last Configured: | 04-May-21 12:58:04 PM | | |

**Record List Summary**

| | |
|---|---|
| First Point: | 04-May-21 12:58:26 PM |
| Stop Time: | 04-May-21 01:21:26 PM |
| No. of Records: | 24 |
| Trip Length: | 0d:0hr:23m |
| No. of Alarms: | 0 |

**Alarm Details**

| | | Low Alarm | | High Alarm | |
|---|---|---|---|---|---|
| Min Temperature: | 31.93 °C @04-MAY-21 01:16:26 PM | Time Below: | 0d:0hr:0m | Time Above: | 0d:0hr:0m |
| Max Temperature: | 32.56 °C @04-MAY-21 01:01:26 PM | Longest Time Below: | 0d:0hr:0m | Longest Time Above: | 0d:0hr:0m |
| Mean + Standard Deviation: | 32.15 ± 0.22 °C | Degrees Minutes Below: | 0 °C min | Degrees Minutes Above: | 0 °C min |
| Mean Kinentic Temperatue: | 32.15 °C | Number of Events Below: | 0 | Number of Events Above: | 0 |
| Activation Energy: | 83.144 kJ/mol | First Triggered: | NA | First Triggered: | NA |



Temperature Graph
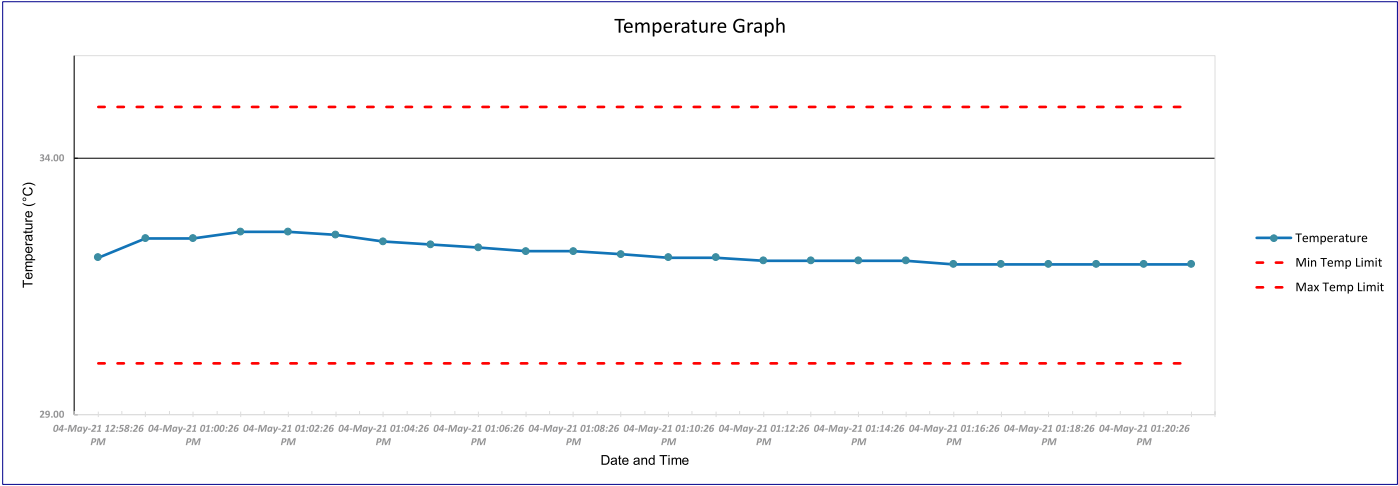
**List of Records**

| Date & Time | Primary Ambient (°C) | Alarms |
|---|---|---|
| 04-May-21 12:58:26 PM | 32.06 | |
| 04-May-21 12:59:26 PM | 32.43 | |
| 04-May-21 01:00:26 PM | 32.43 | |
| 04-May-21 01:01:26 PM | 32.56 | |
| 04-May-21 01:02:26 PM | 32.56 | |
| 04-May-21 01:03:26 PM | 32.50 | |
| 04-May-21 01:04:26 PM | 32.37 | |
| 04-May-21 01:05:26 PM | 32.31 | |
| 04-May-21 01:06:26 PM | 32.25 | |
| 04-May-21 01:07:26 PM | 32.18 | |
| 04-May-21 01:08:26 PM | 32.18 | |
| 04-May-21 01:09:26 PM | 32.12 | |
| 04-May-21 01:10:26 PM | 32.06 | |
| 04-May-21 01:11:26 PM | 32.06 | |
| 04-May-21 01:12:26 PM | 32.00 | |
| 04-May-21 01:13:26 PM | 32.00 | |
| 04-May-21 01:14:26 PM | 32.00 | |
| 04-May-21 01:15:26 PM | 32.00 | |
| 04-May-21 01:16:26 PM | 31.93 | |
| 04-May-21 01:17:26 PM | 31.93 | |
| 04-May-21 01:18:26 PM | 31.93 | |
| 04-May-21 01:19:26 PM | 31.93 | |
| 04-May-21 01:20:26 PM | 31.93 | |
| 04-May-21 01:21:26 PM | 31.93 | |

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