VFC 300 Wi-Fi Data Logger

Product Description

The VFC 300 Wi-Fi Data Logger is a component of the STANLEY Healthcare AeroScout Environmental Monitoring Solution that supports the CDC’s Vaccines for Children (VFC) storage recommendations and guidelines. The wireless sensor, with rechargeable battery, uses a temperature probe to provide continuous measurement and data logging of temperature-sensitive vaccines in refrigerators or freezers.

The VFC 300 is supplied with a NIST-traceable Certificate of Calibration compliant to ISO 17025:2005, and meets all Centers for Disease and Control Prevention (CDC) recommendations for data loggers.

The Data Logger is 802.11 b/g/n compliant making it easy to integrate with any new or existing Wi-Fi network. Data is transmitted at programmable intervals, wirelessly, via the Wi-Fi network to the integrated Cloud service (Files Thru The Air™) for viewing and analyzing. The device’s memory stores all data even if Wi-Fi is temporarily disconnected and automatically uploads the data upon Wi-Fi reconnection.

The device is able to log more than one million data entries. Additionally, it supports the ability to log a physical inspection, which is required to be performed twice a day by the CDC.

The Data Logger’s parameters are fully programmable and include a logger name, selectable temperature scale, logging and report rate and breach alarms. Included with the VFC 300 is a removable thermistor probe, a shatterproof glycol buffer bottle, acrylic stand, installation kit, USB cable and AC adapter.

The VFC 300-XB is also available with the same features as the VFC 300 but it comes with a dual battery, thereby doubling the battery life.

Product Highlights

- Exceeds all CDC VFC recommendations
- Wi-Fi 802.11 b/g/n Compliant
- LCD Display
- Minimum & Maximum Readings
- Rechargeable Battery
- Programmable Logging Rate
- Time and Date Stamped Temperature Measurements
- Logs Physical Inspections
- Removable Thermistor Probe
- High/Low Breach Alarms with Visual Indicator
- Shatter Proof Glycol Buffer Bottle
- Two Point NIST-Traceable Certificate of Calibration
- USB Port
## Product Specifications

<table>
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<tr>
<th>Part Numbers</th>
<th>TAG-VFC-300 and TAG-VFC-300-XB</th>
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| Physical and Mechanical       | Dimensions: 81.3mm x 69.9mm x 21.6mm (3.2in x 2.75in x 0.85in)  
Weight: 43g (1.5oz)           |
| Memory                        | 1,000,000 temperature readings  |
| Radio                         | 802.11 b/g/n compliant (2.4GHz) |
| Security Protocol             | WEP 64 bit; WEP 128 bit; WPA-PSK; WPA2-PSK |
| Environmental                 | Logger Operating Temperature Range: -20°C to 60°C (-4°F to 140°F)  
Probe Temperature Measurement Range: -40°C to 125°C (-40°F to 257°F)  
Probe Clip Operating Temperature Range: -40°C to 100°C (-40°F to 212°F) |
| Ingress Protection Rating     | Datalogger IP55, Probe IP67    |
| Electrical                    | Battery: Rechargeable internal lithium polymer battery  
Power Supply: USB +5V wall adapter.  
The VFC-300-XB has a dual battery and double the battery life. |
| Ports                         | USB                            |
| Logging Rate                  | 10s, 1m, 5m, 30m, 1hr, 6hr, 12hr |

### About STANLEY Healthcare

STANLEY Healthcare provides over 5,000 acute care hospitals and 12,000 long-term care organizations with enterprise solutions that transform safety, security and operational efficiency. The STANLEY Healthcare solution set enables customers to achieve organizational excellence and superior care in five critical areas: Security & Protection, Safety, Environmental Monitoring, Clinical Operations & Workflow and Supply Chain & Asset Management. These solutions are complemented by consulting, training, implementation and integration services. STANLEY Healthcare is proud to be part of Stanley Black & Decker, Inc. For more information, visit www.stanleyhealthcare.com.