Manuals+ — User Manuals Simplified.

Traceable 7600 Smart Wi-Fi Data Logger

Traceable 7600 Smart Wi-Fi Data Logger Instruction Manual

Contents

Traceable®
by cole-parmer

Traceable 7600 Smart Wi-Fi Data Logger

FAQ

- **Q:** How long does the data storage last on the Smart Wi-Fi Data Logger?
    - **A:** The data storage lasts for 2 years and is resettable.
- **Q:** Can I receive notifications if someone leaves the storage fridge open?
    - **A:** Yes, you can set up door sensors and configure notifications for such events.
- **Q:** What power source does the device use?
    - **A:** The device is mains powered with a battery backup for uninterrupted operation.

Customer Problem Statements

7600 Smart Wi-Fi – Customer Problem Statements

Is there a more sustainable solution to calibration versus complete replacement?	I don't like replacing batteries all the time	I must go through a setup process every time I replace a device	I don't want unauthorized people acknowledging alarms	I want to know when people leave the storage fridge open
I need 21 CFR Part 11 compliance for my data/reporting	I'm not an IT person – I just want something easy to get online	I need to know when there is an issue when nobody is at the facility	I want a more flexible way of mounting the unit and running the wires	I'm worried about losing data if Wi-Fi goes down or someone unplugs my monitor

Solutions to Customer Problems

7600 Smart Wi-Fi – Solutions to Customer Problems

Wi-Fi Connection to TraceableLIVE Cloud	Two Calibrated Smart Sensors
Local and Remote Notifications	Two Door Sensors
Intuitive Graphical Touch Screen Interface	Versatile Mounting
Mains Powered with Battery Backup	User Configurable Security

Valuable to All Users

- Faster initial setup, save 10-20 minutes
- Calibrated probe: Faster probe replacement, save 30 minutes a year versus replacing whole unit, 60 minutes versus calibrating unit and keeping a spare
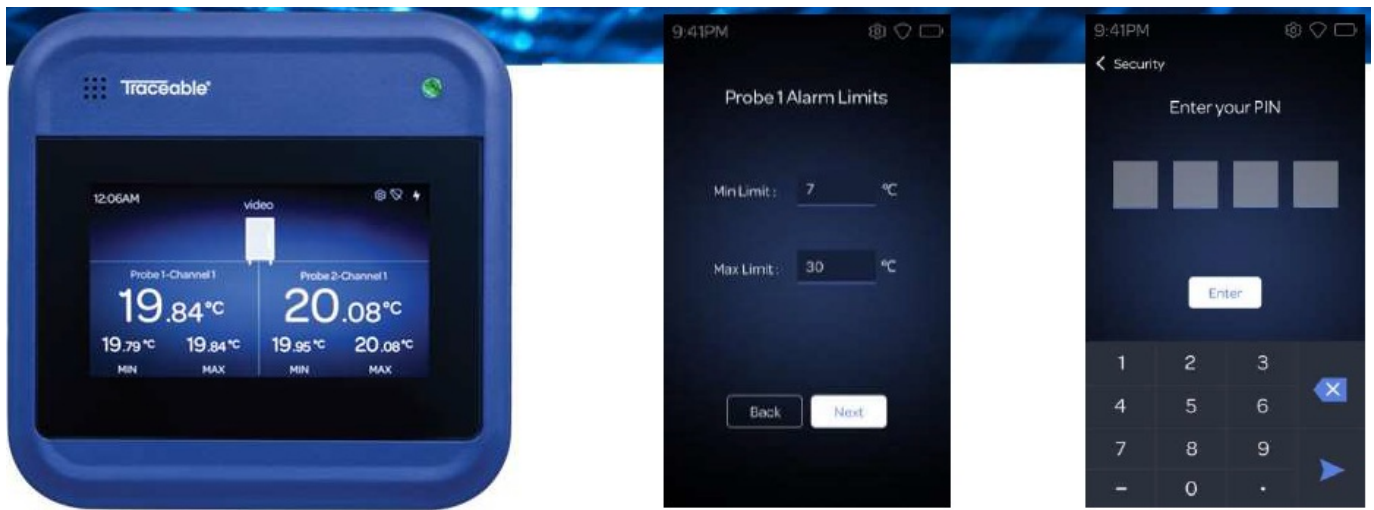- No batteries to replace, save 10-15 minutes a year

Insurance Features

- Mains powered w/ Battery back-up over the weekend
- User configurable security on alarm reset and configuration changes

Feature / Benefit List
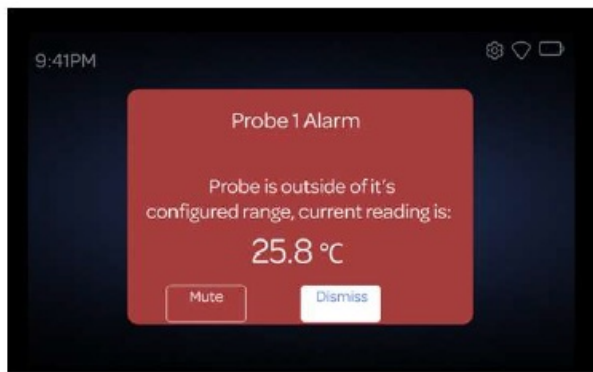
7600 Feature / Benefit List

Faster Setup, Less Training, No Data Loss, Easy Reporting

- Smart Wi-Fi connected data logger that transmits recorded temperature and alarm data to the cloud-based TraceableLIVE®
- Touch screen LCD for user interface is intuitive for faster setup and less training
- Local alarm/event notification with display, speaker and LED
- Plug and play calibrated sensors at Traceable A2LA Accredit Lab – supports up to two Smart Probes
- Supports up to two Door Sensors – Senses door open/close
- User configurable logging interval, security, sensor location names
- Operates on mains power for normal operation
- Built-in battery backup for 1.5+ days in case of loss of AC power
- Saves 2 weeks+ of data points when not connected to the cloud
- Standard temperature probes have accuracy of ±0.25°C
- Encrypts data during transmission from device to cloud
- Stored history/data in device cannot be altered by user
- Mounting cradle allows installation on vertical or horizontal surface, in Landscape or Portrait orientation
- Supports personal and enterprise Wi-Fi security, 2.5 and 5 GHz
- FCC / IC for North America (CE in progress)

The Power of NEW & IMPROVED TraceableLIVE

Proven Cloud Data Management System

- Get notified remotely how you want; email, text, call

- Push notifications on your personal device via TraceableLIVE app

- Access TraceableLIVE via web at your computer

- Unlimited cloud storage available for paid accounts

- Built-in reporting

- CFR 21-Part 11 compliance

- Ability to save device configuration templates

- Push configuration and software updates

- Notifications for Wi-Fi, battery, calibration due

- Same licensing model as other TraceableLIVE products

- Remote reset of alarms and notifications

- Remote configuration of device security/PIN (restrict reset)

Applications

- Research / Laboratories
  - Temperature controlled storage
  - Ambient conditions
- Blood Banks / Biobanks / Tissue
- Pharmaceutical storage and manufacturing
- Remote sample storage compliance
- Food storage and processing
- Environmental monitoring
- Server rooms and data centers
- Any other application where remote temperature monitoring is required

Specifications

7600 Smart Wi-Fi Data Logger Device

- **Inputs:** 2 Smart Probes, 2 Sensors (eg Door open/closed), Power
- **Power Input:** 90-264 VAC, 47-63 Hz
- **Battery:** 1.5+ days (typical) runtime, rechargable
- **Dimensions:** Approx. 5.75 x 5.75 x 1.25"
- **Display:** 4.3" diagonal capacitive touch-screen, color with backlight
- **Status LED:** RGB, user adjustable brightness
- **Audible Alarm Volume:** 65 dB at 90 cm, user adjustable
- **Enclosure Ingress Protection:** IP53
- **Operating:** 0-50 °C (32-122 ºF)
- **Operating Humidity:** 15-95% (non condensing)
- **Data Logging Interval:** User selectable 5 min to 60 min (2+ weeks stored offline)
- **Wi-Fi:** Supports 2.4 GHz and 5 GHz, Personal and Enterprise, WPA2 and WPA3
- **Certifications:** FCC, IC
- Works with TraceableLIVE cloud

Standard Temperature Probe (Bullet, Bottle, Vaccine)

- **Cable Length:** 9.75 ft
- **Measuring Range:** -50°C to +60 °C

- **Measuring Accuracy:** +/- 0.25°C
- **Calibration Points:** -40, 0, 50 °C

Door Sensor

- **Cable Length:** 9.75 ft
- **Measuring Gap Distance:** 25 mm, 1"
- **Measures:** Open / Closed

7600 Cradle / Stand:

- **Dimensions:** Approx. 6 x 4.25 x 1.5"

Excursion-Trac | 6500 | 7600 Comparison

Differentiated Products – Allows More Enterprise Sales

	Excursion-Trac	Traceable 6500	Traceable 7600
Data Storage	2 years (resettable)	• Unlimited storage in cloud	• Unlimited storage in cloud • 2 weeks backup storage on device
User Interface	• Local Display	• Local display, web, smartphone	• Touch Screen Interface, web, smartphone
Alarms	• Audible, Visual	• Email, SMS, Text, Push, Audible, Visual	• Email, SMS, Text, Audible • Configurable Acknowledgment I.e only authorized users can turn off alarm • Color Visual Alarm Display
Data Output	• USB to Excel File	• Wi-Fi	• Wi-Fi
Probe/Sensors	• Standard Probes	• Standard Probes	• 2 Smart Probes w/ Calibration • 2 Door sensors
Security	• No security	• Login via Traceable Live	• Display screen login • Traceable Live login
Mounting	• Magnet backing	• Flip stand or non flexible stand	• Cradle with stand for vertical , horizontal portrait or landscape display
VFC Complaint	• Yes	• Yes	• Yes
Power	• Battery Powered	• Battery Powered	• Plug in power source with battery backup

Available at Launch

7600 Temperature Kits

- 7600 Wi-Fi Data Logger
- 1x temperature probe
- 1x door sensor

Stand Alone 7600

- 7600 Wi-Fi Data Logger
- Power supply with USB connector
- Quick Start Guide

Calibrated Smart Probes
Door Sensors
Accessories

Likely Future Probes / Sensors

Next up will be those available on TraceableLIVE today, then further extensions

- Lo Temperature
- Hi Temperature
- Humidity
- Ambient Temp/Hum – Probe
- Liquid Nitrogen Temperature

- Liquid Nitrogen Level
- Liquid Leak Detection
- CO2
- Differential Pressure
- Methane
- PPM/VOCs
- Wild-Card Inputs
    - (0-10V, 2-20mA, Type-K)
- Liquid Flow

Documents / Resources

	Traceable 7600 Smart Wi-Fi Data Logger [pdf] Instruction Manual 7600 Smart Wi-Fi Data Logger, 7600, Smart Wi-Fi Data Logger, Wi-Fi Data Logger, Data Logger, Logger

References

- **User Manual**