CONTROLS

- **WiFi**: Enables WiFi capabilities.
- **SET**: Use to set: date/time, alarm settings (if WiFi has not been configured).
- **UP**: Adjusts setting up in SET menu.
- **DOWN**: Adjusts setting down in SET menu.
- **CHANNEL SELECT**: Selects which channel to display or select dual channel view mode to view both channels.
- **PLAY/PAUSE**: In single channel view mode, select second line display: current time, current minimum, current maximum, alarm setting lower limit, alarm setting higher limit.
- **C/F**: Selects temperature unit
- **CLEAR**: Press to clear current min/max values.

**Note**: “WiFi enabled” is indicated by the flashing WiFi symbol. It also indicates that WiFi network needs to be configured. If WiFi network has been configured, and WiFi symbol flashes, it indicates an alarm of unsuccessful data transmission to cloud server.

**DEVICE SPECIFICATIONS**

- **Temperature Range**: -50 to 60°C (~58 to 140°F)
- **Temperature sample rate**: 12 seconds
- **Default WiFi Transmission Frequency**: 15 minutes
- **Maximum number of Stored Records**: 672 (7 days if set to 15 minutes interval)
- **Max. Stored Alarms**: 100
- **Battery**: 4 AAA Alkaline battery

**DISPLAY MODES**

- **SINGLE CHANNEL MODE**
  - LCD displays information on channel 1 or 2. Scroll through: current time -> current minimum -> current maximum -> alarm setting minimum -> alarm setting maximum -> current time.
  - Scrolling interval: 3 seconds.
  - Press CHANNEL SELECT button to select the desired channel, or dual channels.
  - To pause scrolling, press PLAY/PAUSE. To resume scrolling, press PLAY/PAUSE again. To fast forward, press PLAY/PAUSE to move to next item.
  - Once desired information is displayed, press Play! Pause button again to pause scrolling, otherwise second line resumes scrolling.

- **DUAL CHANNEL MODE**
  - To view both Channel 1 and 2, Press CHANNEL SELECT button to select dual channels.
  - CH12 symbol will appear on display.

**SELECTING CHANNEL (PROBE)**

- While the device is not in SETUP Mode, press Channel/Select button to select channel.
- If Channel 1 (Probe 1) is selected, CH1 symbol will appear on display.
- If Channel 2 (Probe 2) is selected, CH2 symbol will appear on display.
- If in dual channel view mode, the first line displays Channel 1, and second line Channel 2. CH12 symbol will appear on display.

**PROBES**

- 6501/6502 Bullet Probe: A detachable probe sensor and 10 feet of cable are supplied with the unit.
- 6500/6501 Bottle Probe: Probe is sealed in a miniature bottle (1 x 2½ inches) filled with a patented nontoxic glycol. Solution is GRAS (generally recognized as safe) by the FDA (Food and Drug Administration). It eliminates concerns about incidental contact with food or drinking water. The solution filled bottle simulates the temperature of other stored liquids.
- 6503 Stainless-steel Probe: A detachable probe sensor and 10 feet of cable are supplied with the unit.

**DISPLAYING °F OR °C**

- Use a mobile phone or wireless capable laptop, connect to Network ID “CC6500-XXXX”, where xxx is last 4-digit of the device’s serial number (S/N).

**Device Setup**

**SCENARIO 1**: WiFi is disabled. All settings are configurable.

1. Press and hold SET button for 3 seconds to enter setup menu.
2. The first flashing number is the year date setting. Press the UP or DOWN arrow to set to the current year.
3. Press the PLAY/PAUSE button to save and proceed to the next setting.
4. Select to set the remaining parameters (Month->Day->Hour->Minute->Time Format (12H/24H)->

**Note**: Changing from °C to °F on device, will not change the readings in the TraceableLIVE® cloud.

**Configure WiFi Network**: AP Provisioning

- Press WiFi button to enable WiFi function. If it is first time enabled, WiFi symbol will flash.
- Press and hold WiFi button for 3 secs until device displays “AP” to abort, press and hold WiFi button.
- Press WiFi button again, the device will display “AP UIAT” (AP WAIT).
- Press and hold WiFi button until the device restarts.

**NOTE**: WiFi configuration will be cleared if aborted at this stage.

**OPEN**: A new input box is shown: Use a mobile phone or wireless capable laptop, connect to Network ID “CC6500-XXXX”, where xxx is last 4-digit of the device’s serial number (S/N).

**OPEN**: A new input box is shown: Type Network ID in the box, and then select security type and type password. Please double check these information are correct. Security type is default to WPA2.

**OPEN**: A new input box is shown: Or if the intended Network ID is not shown in the list, scroll to the last item of the list “Other, please specify,” and select. A new input box is shown:
• If network configuration fails, the device displays “Err”, and then press CLEAR button, the device reboots. Make sure Network ID, password, and security type are selected right, and try to configure the network again.

NOTE: The device date/time is automatically synchronized to the mobile phone or laptop once the setup webpage is shown.

NOTE: Make sure Network ID and password are correct; otherwise the device will wait to connect to the router until timeout, and then “Err” is shown on LCD.

CONFIGURE WIFI NETWORK: WPS PROVISIONING
• Press WiFi button to enable WiFi function. If it is first time enabled, WiFi symbol flashes.
• Press and hold WiFi button for 3s till the device displays “AP”;
• Press UP or DOWN button to scroll to WPS. “UPS” is displayed on LCD.
• Press WiFi button on the router that the device is intended to connect to. Please refer to router’s manual for WPS function.
• If network is configured successfully, the device reboots, and ready to use.

NOTE: The router has to support WPS, and WPS function has to be enabled. The device supports only PUSH BUTTON Method. Pin Code Method is NOT supported.

NOTE: Using WPS provisioning will not update the device’s date/time.

HOW TO CONFIGURE WIFI NETWORK: SMARTCONFIG PROVISIONING
• Press WiFi button to enable WiFi function. If it is first time enabled, WiFi symbol flashes;
• Press and hold WiFi button for 3s till the device displays “AP”;
• Press UP or DOWN button to scroll to SmartConfig.
“SnArT” is displayed on LCD;
• Press and release WiFi button, the device displays “AP WaIT”;
• Wait until LCD displays “UPS rEAdy” (WPS ready).
• Press WiFi button on the router that the device displays “AP”;
• Press and hold WiFi button for 3s till the device displays “AP WaIT”;
• Wait till LCD displays “SnArT rEAdy” (SMART ready);
• On Ti’s WiFi Starter App, enter Network ID and password, and press Start button.
• If network is configured successfully, the device reboots, and ready to use.

NOTE: this method requires user to install TI WiFi Starter app for iOS or Android on mobile devices.

NOTE: Using SmartConfig provisioning will not update the device’s date/time.

DATA MEMORY
1. Device is capable of storing 7 days of data if 15 minute logging interval is set.

2. If data transmission fails, data will be stored in data memory. Stored data will be transmitted automatically on next successful transmission.
3. If WiFi network has been configured, and WiFi connection is lost, data will be stored in data memory at user-defined logging interval.
4. If WiFi network has not been configured, data will not be stored in data memory.
5. Stored data in data memory cannot be cleared by user. It can only be cleared by a successful data transmission.

ALARM REPOST
• If an alarm triggers and stays in triggered condition, after a user-defined period, the device will repost alarm to cloud server even if a user has acknowledged the alarm.
• Alarm Repost feature is disabled by default, to enable see DEVICE SETUP.
• Alarm Repost period is set to 60 min by default, a user can change the interval between 5 minutes to 8 hours (5 minute increments).

DISPLAY MESSAGES
If no buttons are pressed and - - - - - - appears on the display, this indicates that the temperature being measured is outside of the temperature range of the unit, or that the probe is disconnected or damaged.

BENCH STAND
The unit is supplied with a bench stand located on the back. To use the bench stand, locate the small opening at the bottom back of the unit. Place your fingertip into the opening and flip the stand out. To close the stand, simply snap it shut.

LOW BATTERY POWER INDICATOR
Unit is supplied with 4 AAA alkaline batteries. If the battery power drops to 20% or lower a low battery symbol will appear on display device, and an alert will be sent via TraceableLIVE.

ALL OPERATIONAL DIFFICULTIES
If this thermometer does not function properly for any reason, please replace the battery with a new high-quality battery (see “Battery Replacement” section). Low battery power can occasionally cause any number of “apparent” operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties. If the voltage of the battery becomes low “C” and “F” symbols will flash.

BATTERY REPLACEMENT
Erratic readings, a faint display, or no display are all indications that the battery must be replaced. Slide the battery cover toward the end of the unit. Remove the exhausted battery and replace with AAA alkaline battery. Replace the battery cover.

REGULATORY INFORMATION
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Hereby, Control Company, declares that this digital thermometer is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER’S AUTHORITY TO OPERATE THE EQUIPMENT.

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