

# LogTag TRED30-7 Vaccine Monitoring Data Logger kit

## Start-up instructions

Presented by  
Control Solutions  
1 (888) 311-0636

# When you receive your LogTag TRED30-7 Vaccine Monitoring Kit Everything you need is included to get started.

## The Kit includes:

- LogTag TRED30-7R data logger
- Stainless steel temperature sensor with 4' of cable in a shatter-proof glycol filled bottle
- Acrylic stand so your glycol bottle can stand up in the fridge or freezer, eliminates unwanted oscillations of temperatures.
- Mounting bracket to be attached to the side or front of your fridge/freezer
- Installation Kit- Adhesive backed cable tie mounts with tie wraps so you can secure the cable to the side of the fridge/freezer
- One extra battery. The data logger comes with a battery installed
- (put the extra battery in a secure spot so you can find it in approx. 1 year)
- NIST traceable Certificate of Calibration compliant to ISO 17025;2005
- CD with instructions for start-up



Your LogTag TRED30-7R Vaccine Monitoring kit includes the following:



# Contents

- Step 1: Installing the probe in the fridge/freezer
- Step 2: Software download
- Step 3: User profile set-up
- Step 4: LogTag data logger configuration
- Step 5: Operation of the LogTag

# STEP 1

Install the Probe in the fridge/freezer

# Installing the probe in the fridge/freezer

- Place acrylic stand and probe vial and near the middle of the fridge/freezer
- Route the cable underneath the wire rack and secure it with a zip ties
- Route the cable toward the wall of the hinge side and secure with zip tie
- Continue to route the cable towards front of the fridge/freezer on the hinge side and secure
- (see the following slides for installation details)
- Note: If you have a cable port then run it through there and secure to rack with zip ties



# Installing the probe in the fridge/freezer



Zip Tie



# Installing the probe in the fridge/freezer



Zip Tie



# Installing the probe in the fridge/freezer

- Place the logger into the wall mounting bracket, plug in the sensor wire to the logger (left side)
- Adhere the mounting bracket for the LogTag to either the side or front of the door in a spot that is easy to get to
- Approx. 6 inches underneath the logger, Adhere cable tie bracket and secure the cable with a Zip tie.
- Leave enough slack in the cable so you can plug and unplug the LogTag easily

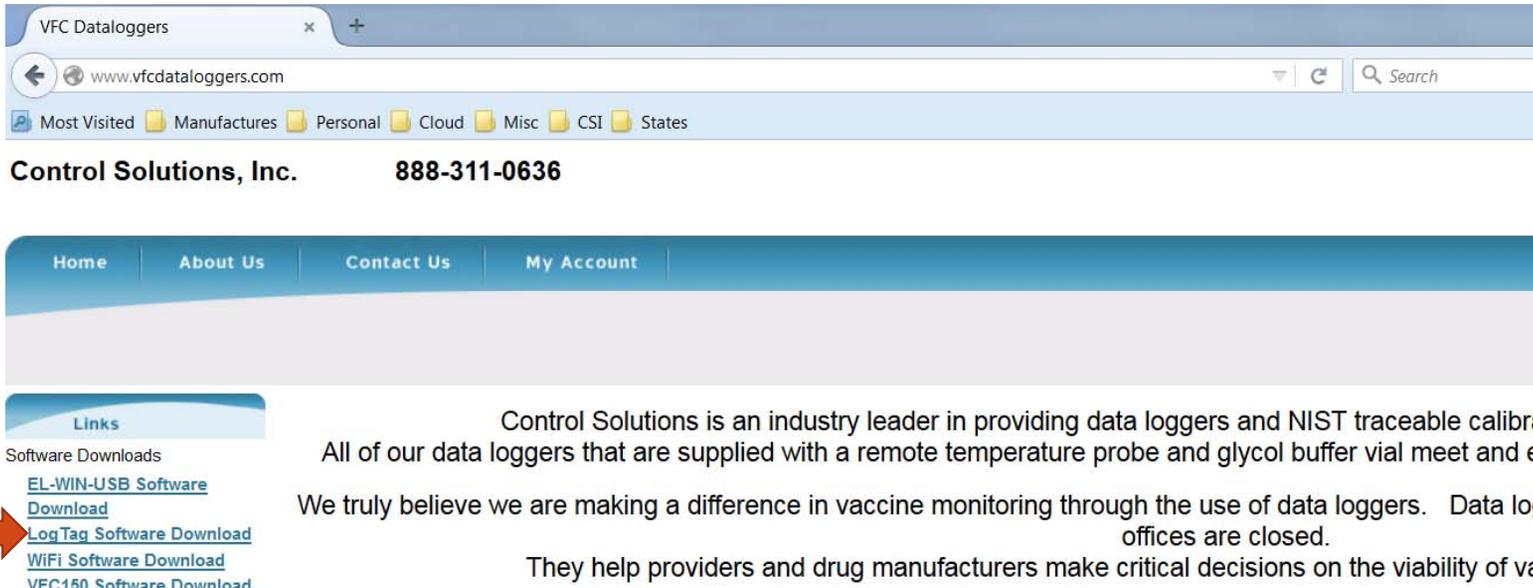


# STEP 2

## Software Download

# Downloading the software

- Click the link on our website [www.vfcdataloggers.com](http://www.vfcdataloggers.com) to download the software.



The screenshot shows a web browser window with the address bar displaying 'www.vfcdataloggers.com'. Below the browser, the website header includes the company name 'Control Solutions, Inc.' and the phone number '888-311-0636'. A navigation menu contains 'Home', 'About Us', 'Contact Us', and 'My Account'. A 'Links' section is visible, listing several software download links. A red arrow points to the first link: 'EL-WIN-USB Software Download'.

**Control Solutions, Inc. 888-311-0636**

Home | About Us | Contact Us | My Account

**Links**

Software Downloads

- [EL-WIN-USB Software Download](#)
- [LogTag Software Download](#)
- [WiFi Software Download](#)
- [VFC150 Software Download](#)

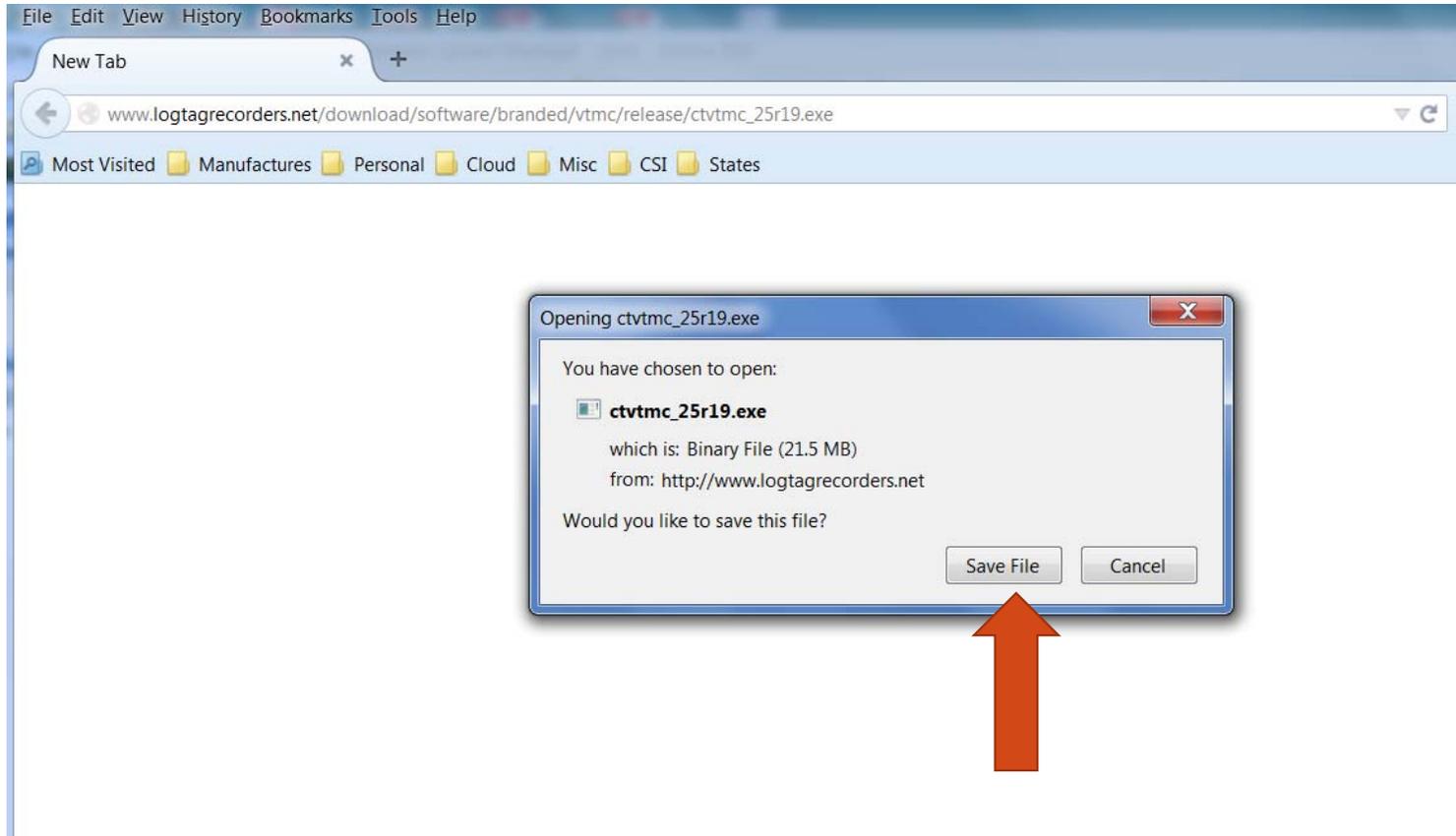
Control Solutions is an industry leader in providing data loggers and NIST traceable calibrated data loggers that are supplied with a remote temperature probe and glycol buffer vial meet and exceed all requirements. We truly believe we are making a difference in vaccine monitoring through the use of data loggers. Data loggers are used in offices that are closed. They help providers and drug manufacturers make critical decisions on the viability of vaccines.

Note: The software is also located on the mini CD in your docking station box.



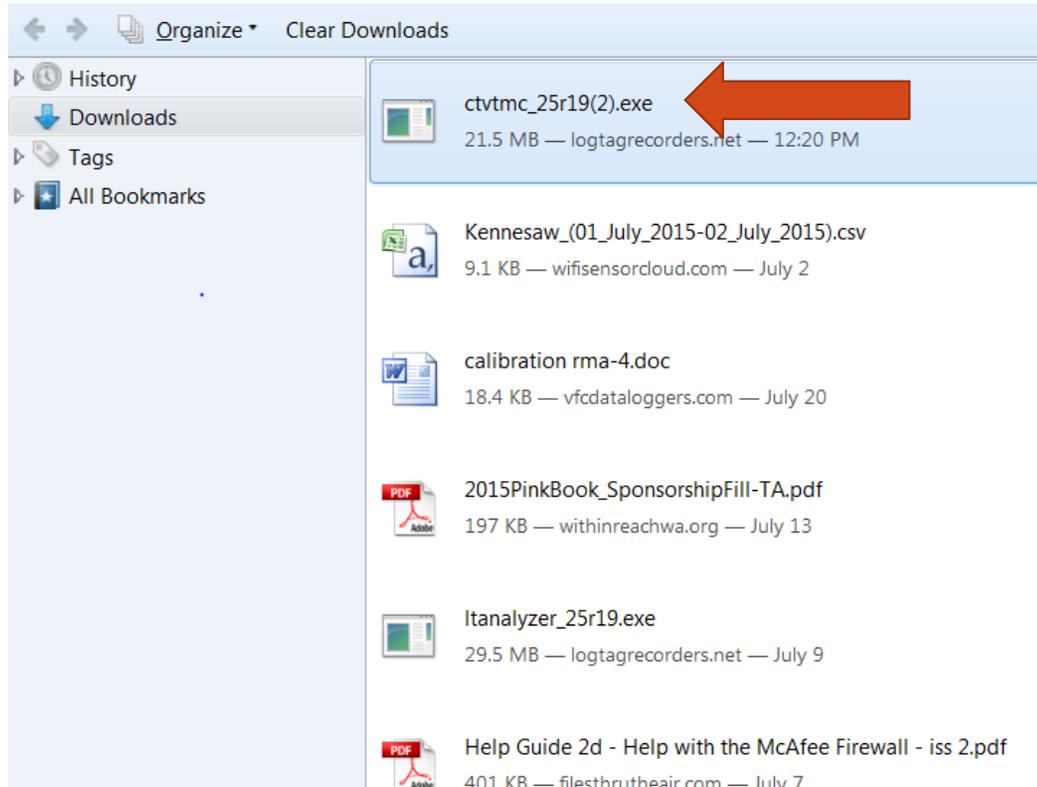
# Downloading the software

- When the box shows up as shown below click on “Save File”.



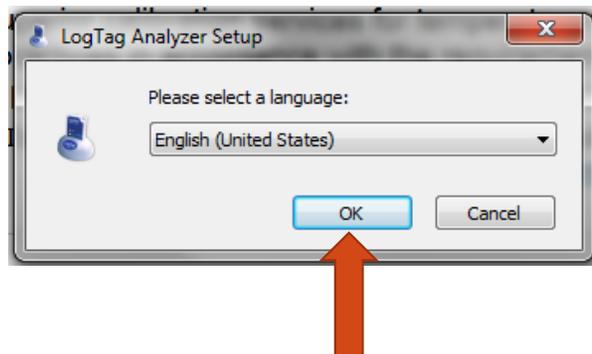
# Downloading the software

- Go to where you saved the file to and click on the file to start the download. You will need administrative rights to do this and may need IT support

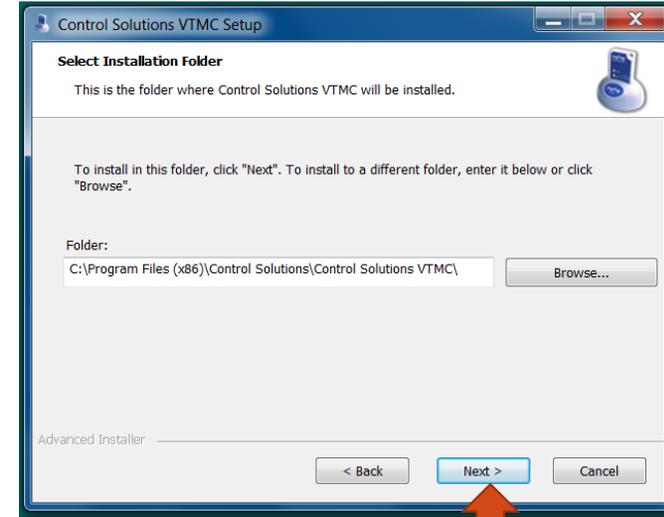
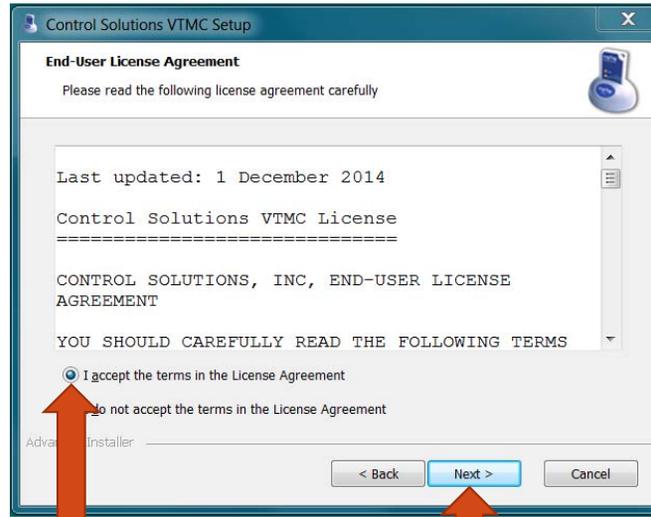
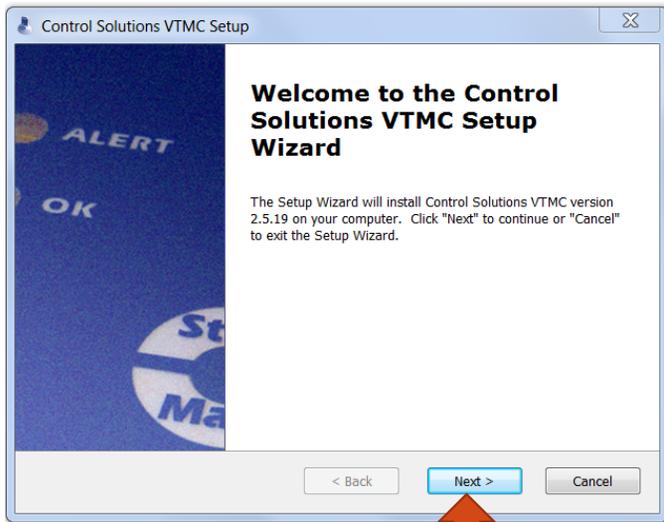


# Downloading the software

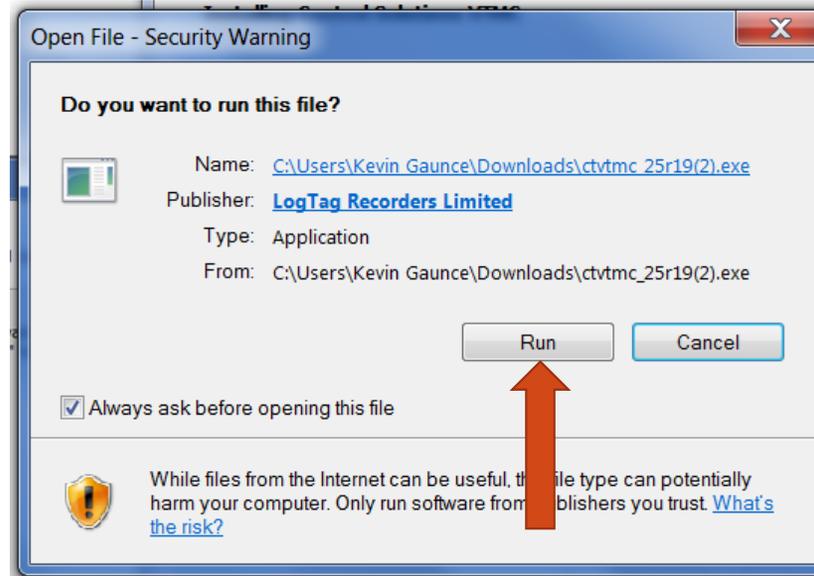
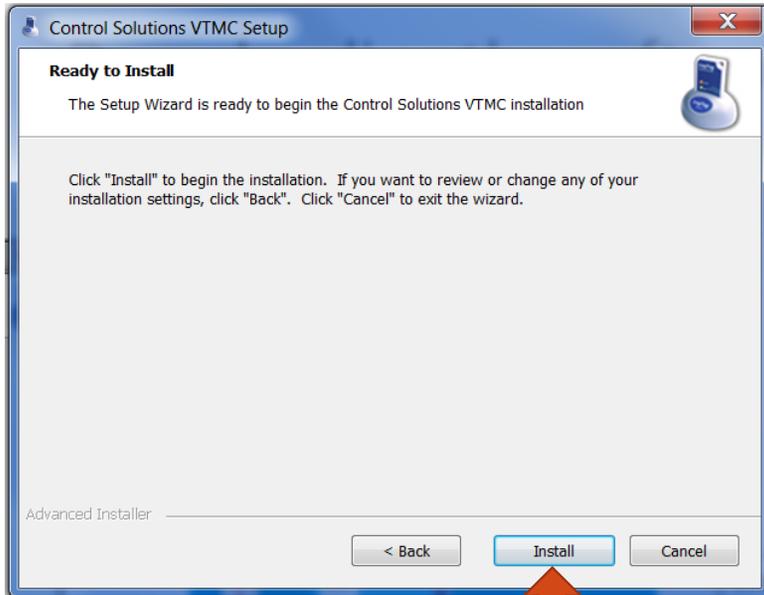
- A pop-up will appear that asks “Do you want to allow the following program to make changes to this computer?”. Click yes.
- The next series of pop-ups click as shown by the arrows



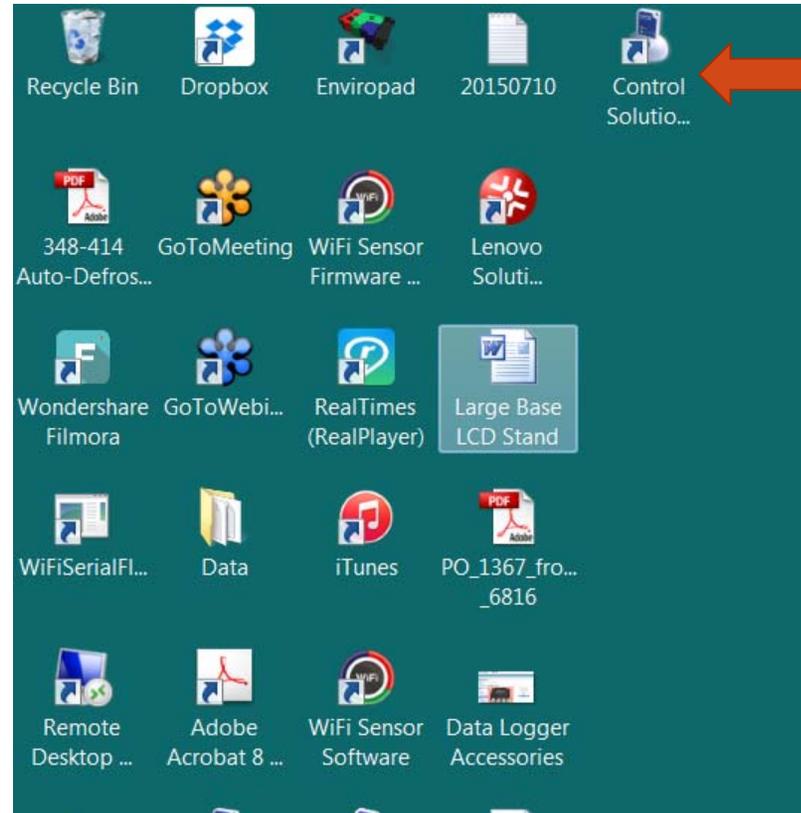
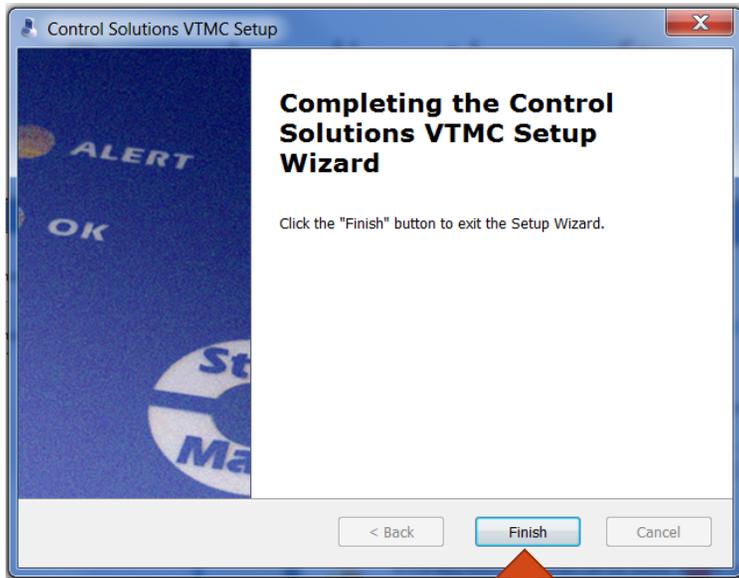
# Downloading the software



# Downloading the software



# Downloading the software



You should now have an icon on your desktop that looks like this.

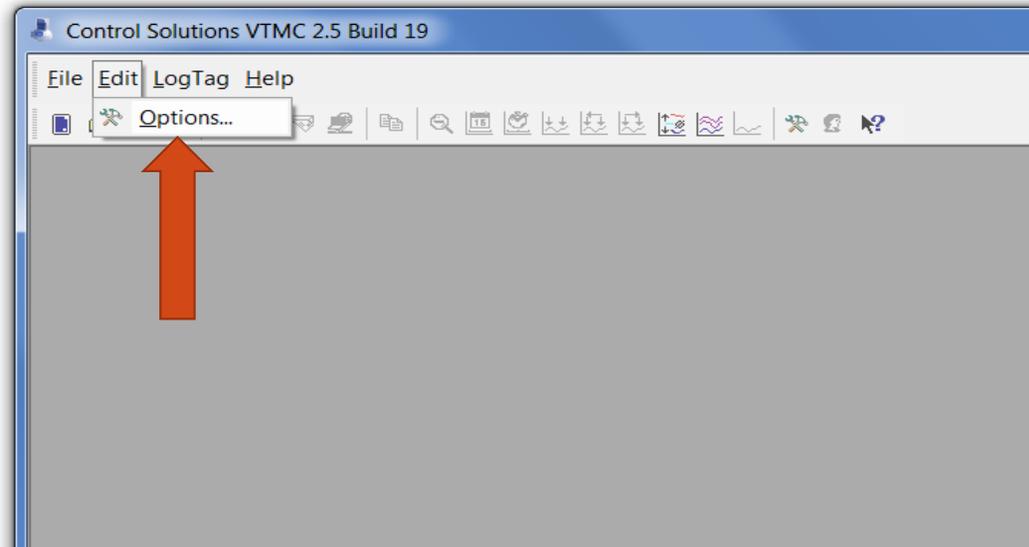


# STEP 3

## User Profile Set-up Configuration

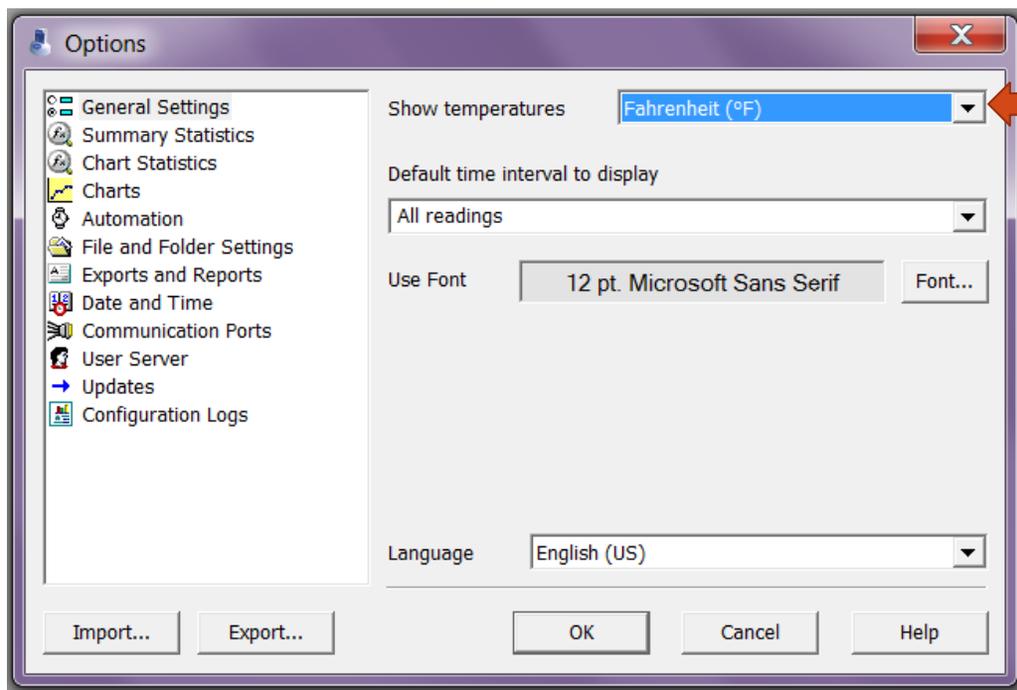
# User Profile Set-up Configuration

- After the software has been installed go to the “Control Solutions” icon on your desktop and click to open.
- Go to Edit and then click on Options (see below)



# User Profile Set-up Configuration

- Click on “General Settings” and then select the following

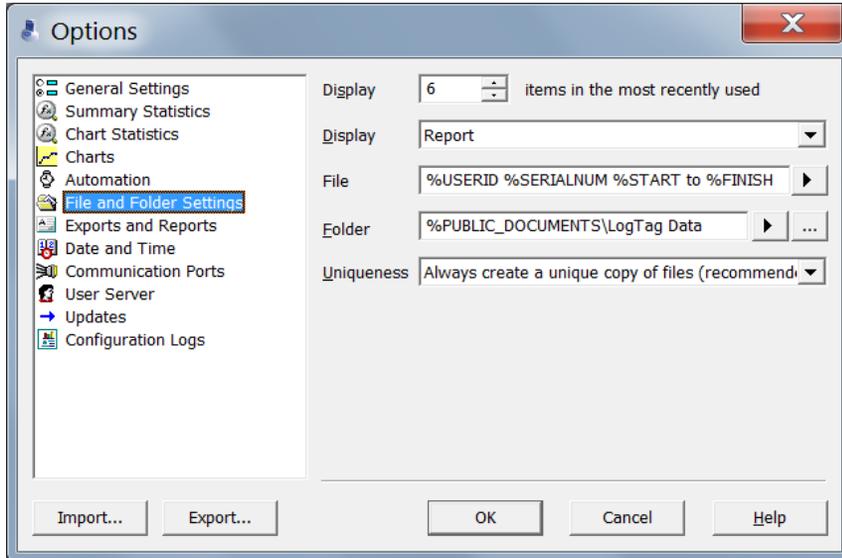


Select °F or °C. This will be how the temp will be displayed in your software



# User Profile Set-up Configuration

- Next click on File and Folder Settings and make sure the same boxes are checked

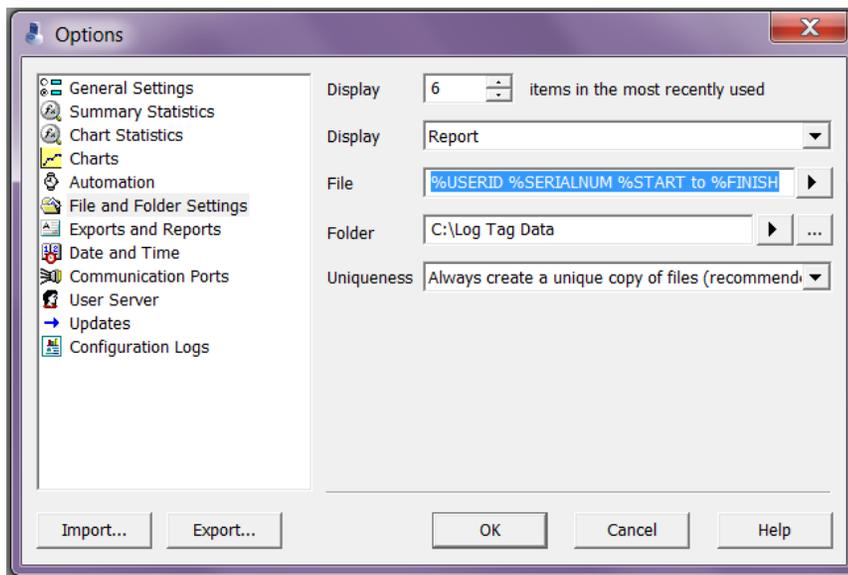


In the "Folder" field you can use the default or make a shared folder in your C drive and name it "LogTag Data". This is the field where you are telling where you want the data to be saved. Some clinics have it saved to a network drive where it would be backed up.



# User Profile Set-up Configuration

- The remaining Option selections do not require changes. Click “OK”. To complete



# STEP 4

## LogTag Data Logger Configuration

Note: Pre-configuration is a service we provide at no charge. We can pre-configure for either a refrigerator or freezer. We will also mark the box accordingly. You will only need to edit “User ID” (Logger name)



# LogTag Data Logger Configuration

- Make sure your LogTag software is open on your PC
- Now plug your Docking Station into the USB port on your PC
- Insert data logger into the Docking Station

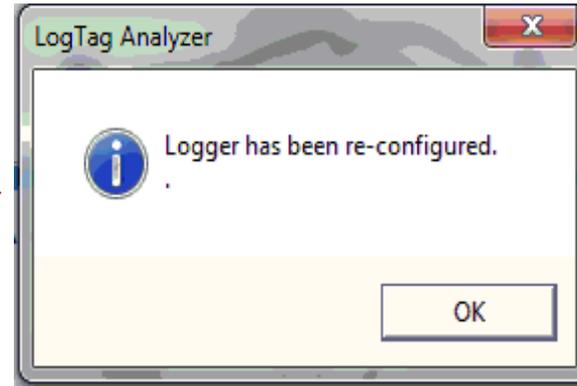
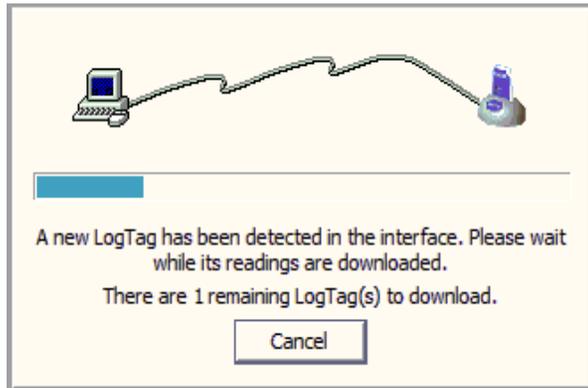


Docking Station



# LogTag Data Logger Configuration

- After you insert the logger into the docking station you should see 2 screens in succession (see below)

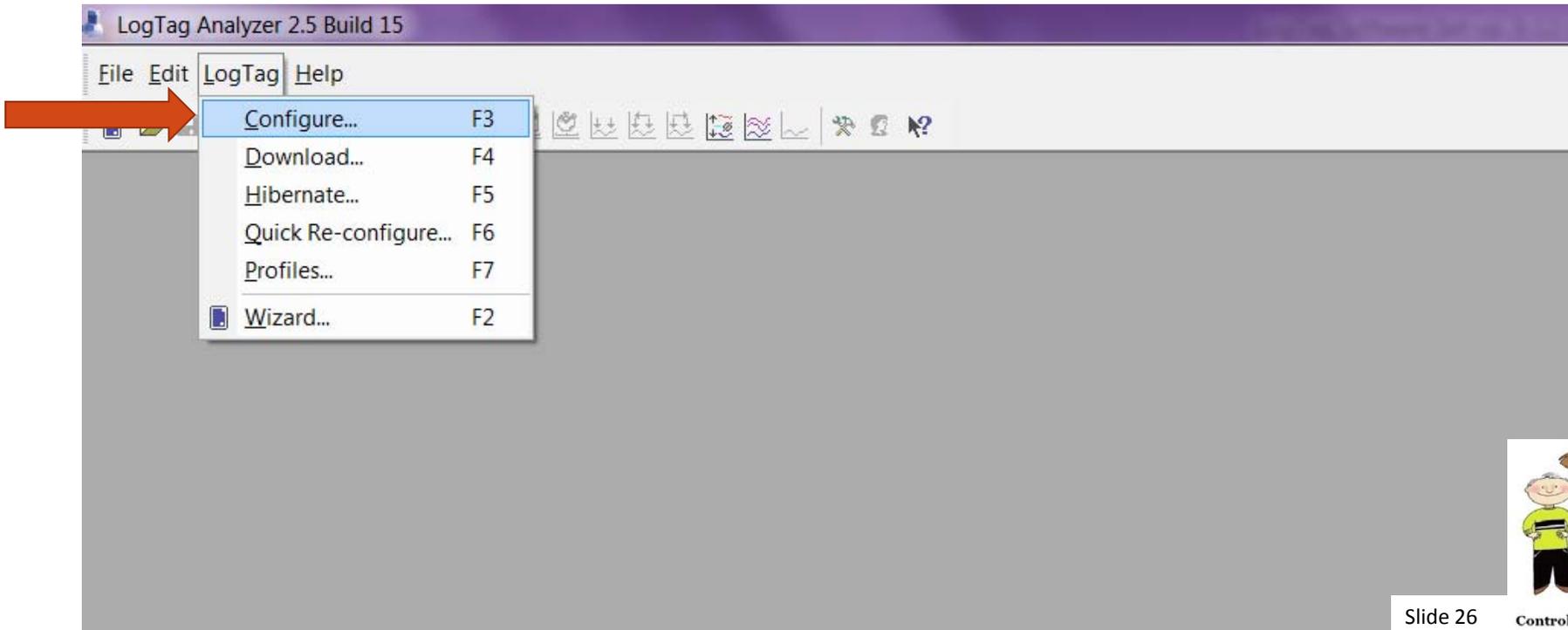


At the last box (Logger has been re-configured) click OK and then you should be back to a grey screen.



# LogTag Data Logger Configuration

- In the upper left corner of the software click on LogTag then click on Configure from the drop down menu



# LogTag Data Logger Configuration

- Under User ID, select a name of the data logger that makes sense to you (as in: Refrigerator or Freezer)
- The next box select “Push button start”

LogTag Configure

User ID: Fridge PIN 47569

Push button start

LogTag battery: OK

Enable pre-start logging

Record readings continuously, overwrite oldest when memory full

Record readings so that:

Readings recorded will span at 2 days

Number of readings to record 7,777 maximum is 7777

Record a reading every 30 Seconds

Begin recording after a delay 0 Minutes

Trigger alarm when readings above/equal 46 °F

After 2 Consecutive violation readings (None)

Trigger alarm when readings below/equal 35 °F

After 2 Consecutive violation readings (None)

Configure requires a password

Download requires a password

Advanced Options

< Back Next > Close Help



# LogTag Data Logger Configuration

- We will now make sure the “Record readings so that:” is checked and then skip down to “Record a reading every” and change it to “6”. Go to the drop down box on the right and change it to “minutes”. This will change the 2 field above to look like the picture below.

Note: Different states may have different recommendations regarding what interval to take readings at. Check with your local VFC coordinator.

LogTag Configure

User ID: Fridge PIN 47569

Push button start

LogTag battery: OK

Enable pre-start logging

Record readings continuously, overwrite oldest when memory full

Record readings so that:

Recordings recorded will span at 32 days

Number of readings to record 7,777 maximum is 7777

Record a reading every 6 Minutes

Begin recording after a delay 2 Minutes

Trigger alarm when readings above/equal 46 °F

After 2 Consecutive violation readings (None)

Trigger alarm when readings below/equal 35 °F

After 2 Consecutive violation readings (None)

Configure requires a password

Download requires a password

Advanced Options

< Back Next > Close Help



# LogTag Data Logger Configuration

- Next we will configure our alarms. Our example shows Deg F but it can be in Deg C as well. First click on the “Trigger alarm when readings are above/equal” and set that for 46 Deg F (this would be for a refrigerator). Next click on “After” and type in “5”. Then click the drop down box to the right and select “Consecutive”. We will do the same for the lower alarm but we will have it at 35 Deg F and 2 consecutive as shown below.

The screenshot shows the 'LogTag Configure' window. On the left is an 'Action List' with three steps: 1. Locate and identify LogTag(s), 2. Configure LogTag(s) for next use, and 3. Prepare LogTag(s) for next use. The main area contains configuration fields: User ID (Fridge PIN 47569), a 'Push button start' dropdown, and a 'LogTag battery: OK' status. There are checkboxes for 'Enable pre-start logging', 'Record readings continuously, overwrite oldest when memory full', and 'Record readings so that:'. The 'Record readings so that' section includes 'Readings recorded will span at' (32 days) and 'Number of readings to record' (7,777, maximum is 7777). Below this are 'Record a reading every' (6 Minutes) and 'Begin recording after a delay' (0 Minutes) settings. The alarm configuration section has two entries: one for 'Trigger alarm when readings above/equal' (46 °F) and one for 'Trigger alarm when readings below/equal' (35 °F). Each entry has an 'After' field (5 and 2 respectively) and a 'Consecutive' dropdown menu. There are also checkboxes for 'Configure requires a password' and 'Download requires a password'. At the bottom are 'Advanced Options', '< Back', 'Next >', 'Close', and 'Help' buttons.



# LogTag Data Logger Configuration

- Now we need to click on the Advanced button and this will bring up another dialog box as shown on the next page.

**LogTag Configure**

User ID:

Push button start  **LogTag battery: OK**

Enable pre-start logging

Record readings continuously, overwrite oldest when memory full

Record readings so that:

Readings recorded will span at  days

Number of readings to record  maximum is 7777

Record a reading every  Minutes

Begin recording after a delay  Minutes

Trigger alarm when readings above/equal  °F

After  Consecutive violation readings (30 Minutes)

Trigger alarm when readings below/equal  °F

After  Consecutive violation readings (12 Minutes)

Configure requires a password

Download requires a password

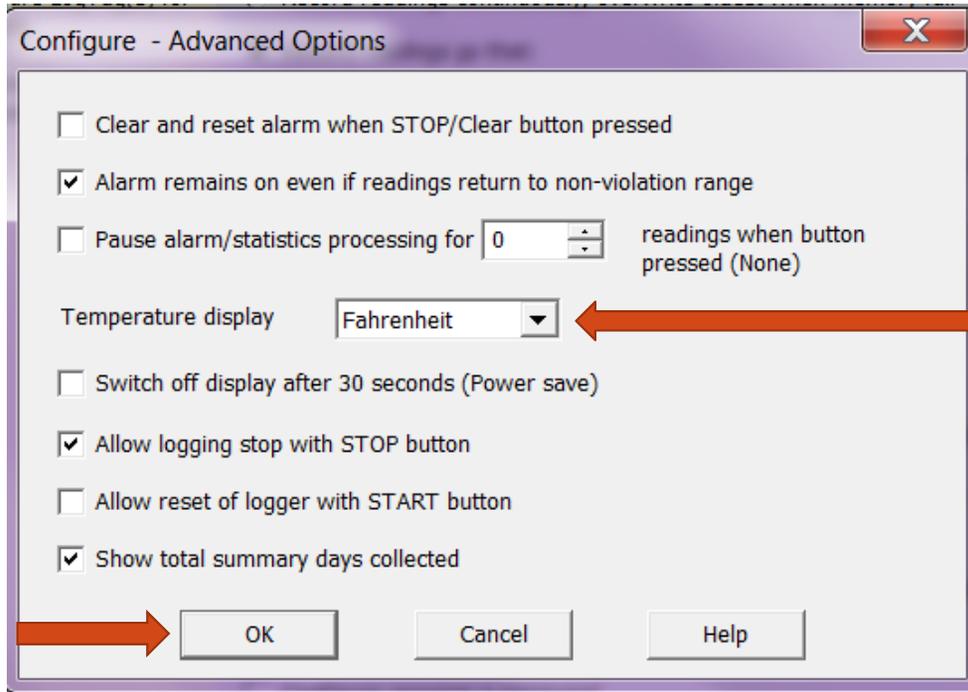
**Advanced Options**

< Back   Next >   Close   Help



# LogTag Data Logger Configuration

- Check the boxes as shown below and then click OK.



Note: Select Fahrenheit or Celsius for how you want your logger to display temperature.



# LogTag Data Logger Configuration

- We are now done with the data logger configuration. Please click next and the software will configure your data logger.

LogTag Configure

User ID: Fridge PIN 47569

Push button start LogTag battery: OK

Enable pre-start logging

Record readings continuously, overwrite oldest when memory full

Record readings go that:

Readings recorded will span at 32 days

Number of readings to record 7,777 maximum is 7777

Record a reading every 6 Minutes

Begin recording after a delay 0 Minutes

Trigger alarm when readings above/equal 46 °F

After 5 Consecutive violation readings (30 Minutes)

Trigger alarm when readings below/equal 35 °F

After 2 Consecutive violation readings (12 Minutes)

Configure requires a password

Download requires a password

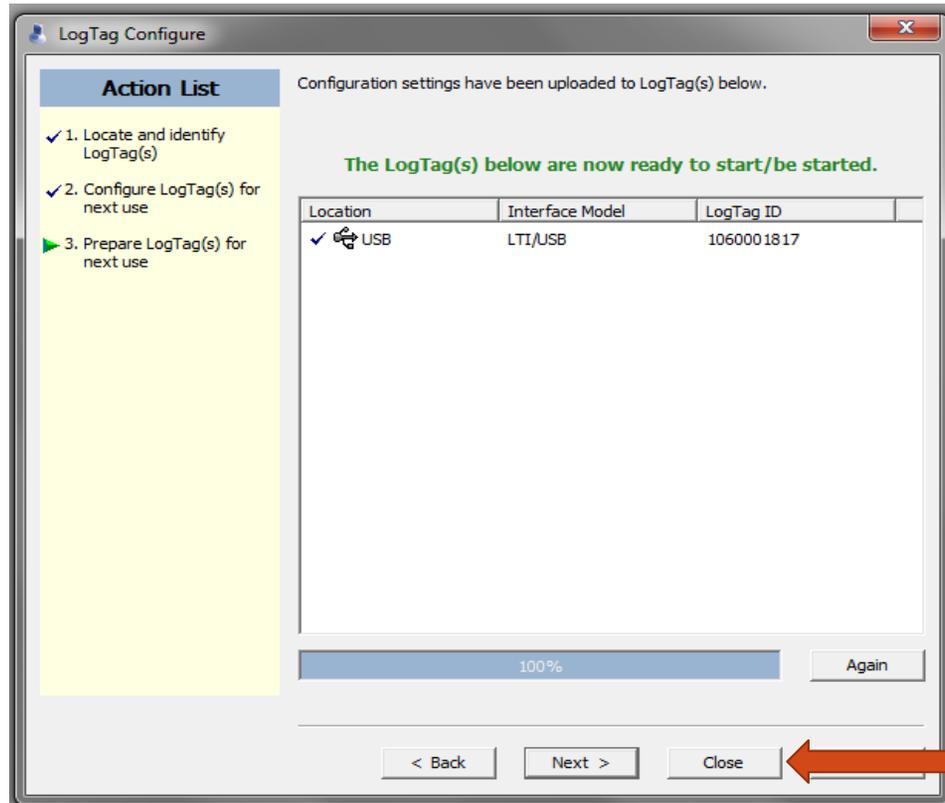
Advanced Options

Next > Close Help



# LogTag Data Logger Configuration

- This should bring you to this screen where we will click on Close. We can now take the data logger out of the Docking Station and it is ready for the next logging session.



# STEP 5

Operation of your LogTag

# Operation of the LogTag

## Buttons Actions Overview



Start/Stop/Clear button functions require the button to be pressed continuously for 4 seconds and then released when the related flashing indicator stops flashing.  
Review mode is exited immediately by pressing the STOP button

### Review/Mark button

Press to enter REVIEW mode and then press again to advance through the day statistics. **This action also places an inspection mark in the log if RECORDING is active. This validates your twice daily temperature logs.**

### Start/Clear/Stop button

Press to start recording  
Press to Stop recording  
Press to exit day summary



# Operation of the LogTag

## Starting The Logger

Before starting the LogTagTRED30 go to the Fridge or Freezer, insert the logger into your wall mounting bracket and plug the cable into the data logger



# Operation of the LogTag

## Starting The Logger



### Recorder in *READY* mode

The recorder must be in Ready mode for it to be started. In Ready mode the recorder displays the time, battery status and the READY icon.

Press and hold the Start button and observe that the STARTING icon starts flashing.

The button needs to be held down until the flashing stops (normally 4-6 seconds however can be longer if the button is not continuously depressed)

Release the Start button when the STARTING icon stops flashing



# Operation of the LogTag

## Starting The Logger



The Data Logger enters RECORDING mode.



The display shows the current temperature, current time, battery status and any alarm triggers and is updated each time a log is taken.

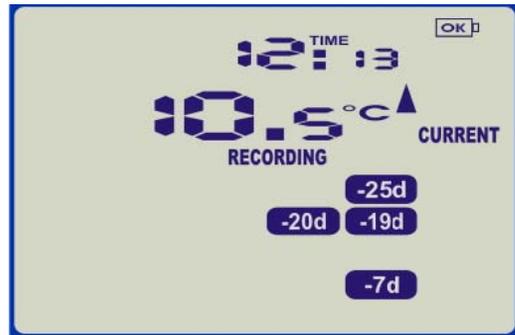


# Operation of the LogTag

## Recording Display

The normal **recording** mode display displays the current temperature of the last log taken. It is updated at the same rate as the logging interval.

The current time, battery status and alarm trigger day summary are displayed.



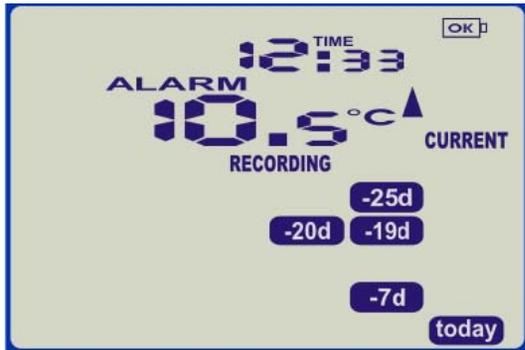
The recorder shows alarm triggers 7, 19, 20 & 25 days ago. The current temperature is over the upper limit (as indicated by the up arrow) but the duration of this temperature excursion has not yet triggered an alarm.

Next page



# Operation of the LogTag

## Recording Display



*...20 Minutes later*

The temperature excursion has triggered an alarm. The symbol is shown and the marker day alarm indicator is shown.

*...12 hours later*



The temperature has returned to the acceptable range but the alarm remains present. The day summary has shifted by 1 day as the display time has gone through midnight (00:00).



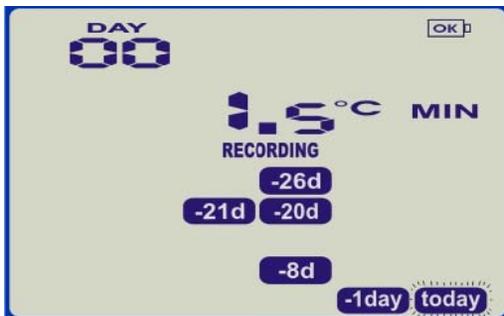
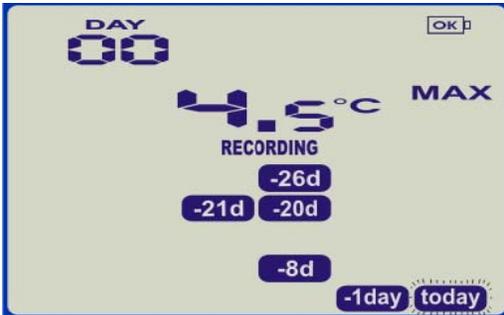
# Operation of the LogTag

## Reviewing Day Statistics

The Review of day statistics history is accessed by pressing the REVIEW button and is accessible in RECORDING and STOPPED modes.

Example:

Pressing *Review* button displays current day's max statistic. The "Today" segment flashes and 'Day 00' is shown to indicate the 'Today' selection. In this screen example the selected day (Today) does not have any recordings that are outside the acceptance range.



Pressing *Review* button again displays the day's minimum statistic.





Control Solutions, Inc.  
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Thank you for your business