

# i.C3<sup>®</sup> Guide

## For PDF Reports



i.Series<sup>®</sup> Products from Helmer Scientific  
Refrigerators  
Freezers (-30°C)  
Ultra Low Freezers (-80°C)  
Pro Line Countertop Platelet Incubators



The i.Series® i.C3® Information Center provides constant temperature monitoring and multiple information logs while offering security features to keep settings safe. The information and event center records the performance history of the unit including event acknowledgement, event status, access data, min/max temps and more. This valuable information can then be downloaded through the data transfer center as CSV files or PDF reports.

This guide provides an overview of the PDF reports available to download along with a sample of each graph.



## Downloading PDF Files: Temperature Graphs and Alarm Event History

*(DP Version 12.48 and later)*

With the i.C3® Information Center, it is easy to download PDF reports, including temperature graphs and alarm event history. The PDF download process consists of the following steps:



1. Insert a memory device into the USB port located on the right of the i.C3® monitor bezel.
2. Touch the Date Range buttons to select the desired beginning and ending dates.
3. Touch the desired date on the calendar, then touch the green checkmark to confirm, or the red X to cancel.
4. Select the desired Report Duration.
  - » 1-day duration  
Selects all applicable one-day graphs and Alarm Event Data reports for the product and date range.
  - » 7-day duration  
Selects all applicable seven-day graphs and Alarm Event Data reports for the date range.
  - » All duration  
Selects all the applicable one-day and seven-day graphs and Alarm Event Data reports for the date range.
5. Touch the Start Download button to begin the download.
6. Remove the memory device from the USB port. The PDF file may be saved or printed from a PC.

Note: PDF reports are stored for about 3 months, at which time the oldest reports are purged to free up storage space. Helmer recommends performing PDF downloads every two months.

Please see the following pages for samples of:

- 7-Day Temperature Graph
- 1-Day Temperature Graph
- Alarm Event History

### Sample Reports – 7-Day Temperature Graph

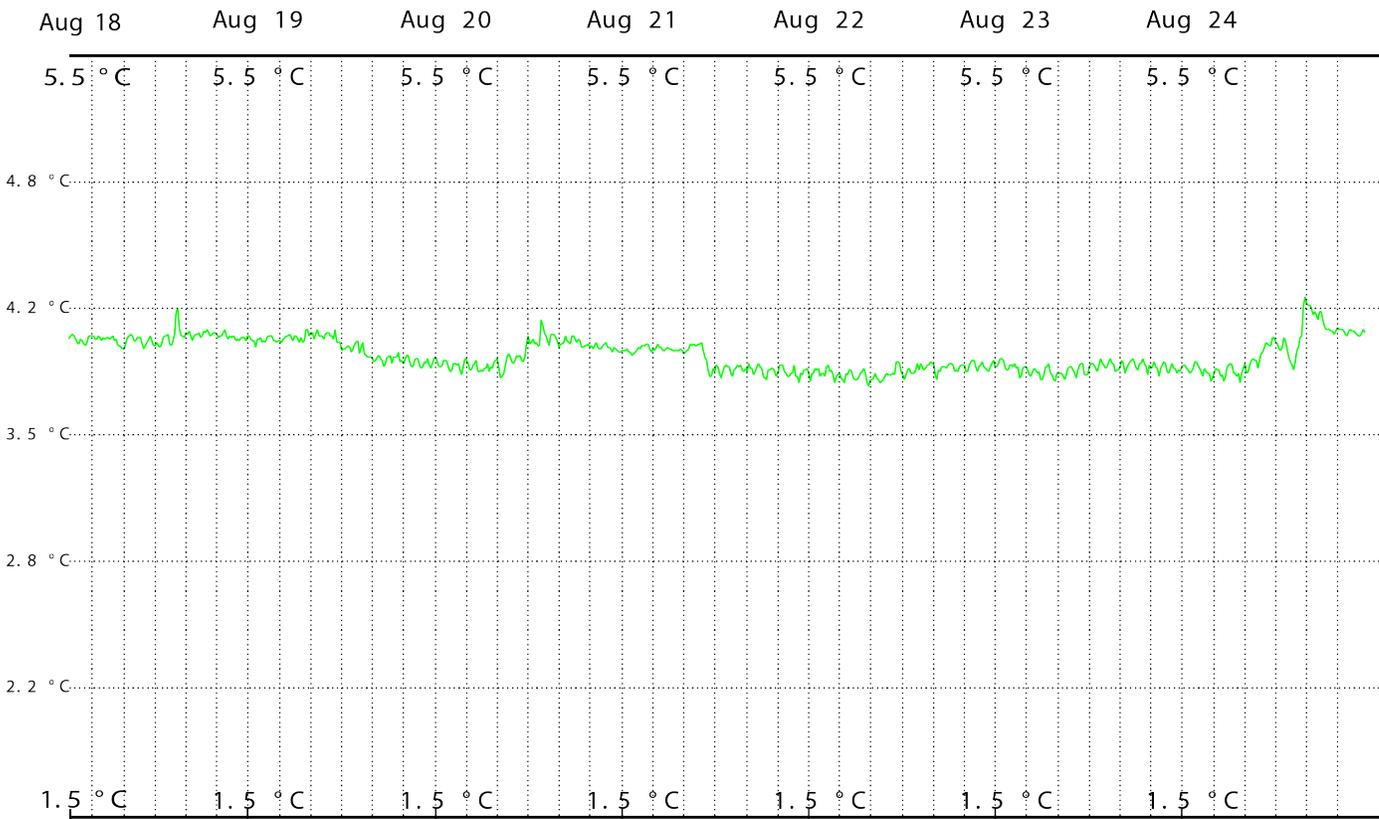
PDF graphs and reports support compliance and quality by providing a record of the temperature inside the cabinet and any alarm events that may have occurred.

- Selecting 7-day duration provides 7-day temperature graph(s), as shown below.
- Graphs and reports can be generated for multiple weeks within the last 3 months with just one download.
- Graphs and reports can be saved or printed from a PC.
- If alarm events have occurred, they will be shown on the graph

### 7-day Temperature Graph

Primary Monitor Probe Temperature History

From 08/18/2019 12:00 am To: 08/24/2019 12:00 pm



Unit-ID: 2000057, Serial Number: 2000057, Model Number: iB125  
Min Temp: 3.6665, Max Temp: 4.13333  
Event Sequence Index: no data



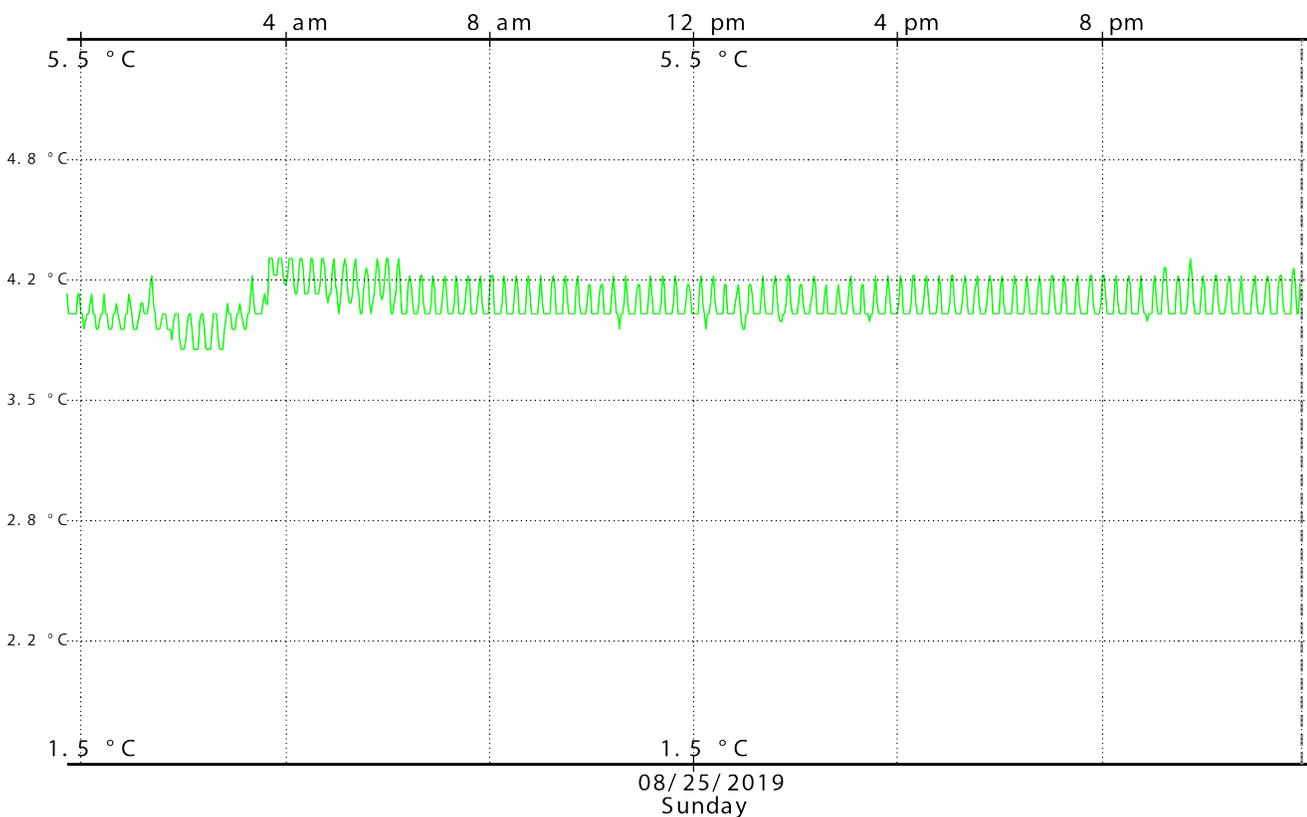
## Sample Reports – 1-Day Temperature Graph

PDF graphs and reports support compliance and quality by providing a record of the temperature inside the cabinet and any alarm events that may have occurred.

- Selecting 1-day duration provides 1-day temperature graph(s), as shown below.
- Graphs and reports can be generated for multiple weeks within the last 3 months with just one download.
- Graphs and reports can be saved or printed from a PC.
- If alarm events have occurred, they will be shown on the graph.

### 1-day Temperature Graph

Primary Monitor Probe Temperature History  
 From 08/25/2019 12:00 am To: 08/26/2019 12:00 am



Unit-ID: 2000057, Serial Number: 2000057, Model Number: iB125  
 Door Openings: 10, Door Opening Seconds: 62  
 Min Temp: 3.69, Max Temp: 4.19  
 Number of Alarms: 0  
 Event Sequence Index: no data



### Sample Reports - Alarm Event History

PDF graphs and reports support compliance and quality by providing a record of the temperature inside the cabinet and any alarm events that may have occurred.

- Graphs and reports can be generated for 1-day or 7-day duration (as well as All duration, which produces both 1-day and 7-day graphs and Alarm Event Data reports).
- Graphs and reports can be generated for multiple weeks within the last 3 months with just one download.
- Graphs and reports can be saved or printed from a PC.

### Alarm Event History

Alarm Event History				
Unit - ID: 2000057    Serial Number: 2000057				
Date: 09/22/2019,    Time: 06:59 PM    Total Events: 1				
Primary Monitor Probe High Temperature	Start Date:	09/22/2019	Start Time:	6:45 pm
	End Date:	09/22/2019	End Time:	6:58 pm
ESIN: 32752	Start Temp:	End Temp:	Max Temp:	Min Temp:
Primary Monitor Probe	5.5 °C	5.5 °C	5.8 °C	5.5 °C
Secondary Monitor Probe	5.0 °C	5.0 °C	5.5 °C	5.0 °C
Compressor Probe	27.7 °C	27.7 °C	27.7 °C	27.7 °C
Event Cause:				
Action Taken:				
Signature:				