

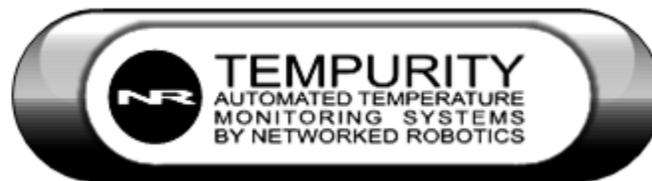


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User Manual Insert - Tempurity Monitor v3 Parameter Visualization (Draft)

This version of this document is not currently a Networked Robotics indexed document. It is for preliminary information only.



Introduction

The Tempurity Monitor version 3 currently under development indicates monitored devices by their parameter type. In version 1 and 2 of Tempurity a temperature device could not be distinguished from humidity or any other kind of data source on the main Monitor screen. This is no longer the case. Carbon Dioxide, Oxygen, Temperature, and Humidity all have unique main Monitor screen icon characteristics. Other data types such as voltage or RPM or liquid nitrogen level are all classified as “other” and are not distinguishable on the main screen.

The use of custom Viewmaps by customers can organize these data sources as needed. See “Viewmaps”

Icon Edges

A legend showing the parameter types appears at the top of the screen. It is shown below.



The left-hand legend shows the operational status of the monitored device and represents the center of the monitored device icon. The right-hand legend shows the parameter reported by this monitored device and is visualized by the outside edge of the monitored device icon. The below images show icons for the relative humidity parameter. Gray indicates not active, blue a communication error and green that the device is reporting within operational norms. All icons have blue edges.



The same operational statuses are shown below for Carbon Dioxide concentration. In this case all icons have purple edges.



And for temperature all status icons have light green edges.



The effect is deliberately subtle so as not to overwhelm laboratory staff with information. For clarity a subset of alarm types is shown in the depictions above. Stage one and stage two icons (yellow and red centers) are not shown.