

Demo Container



Pushing Performance



People | Power | Partnership

## **HARTING** Monitor for HAIC MICA

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HARTING IT Software Development  
Marienwerder Str. 3, 32339 Espelkamp, Germany  
Phone: +49 5572 47-97300, Fax: +49 5772 47-482  
[mica@HARTING.com](mailto:mica@HARTING.com)

## Monitor v1.0 for HAIC MICA Guide

### 1. Monitor container basics

#### 1.1. Overview

This container is a demonstration of the visualization capabilities of the MICA container user-interface, in order to monitor the state of various sensors. Therefore, the user-interface shows three meter types which simulate dynamic changes of sensor inputs, as well as a data plot with the time series of two sensors. While the meters randomly change every 4-5 seconds the time series represents a randomly distorted sinus wave that updates every 10 seconds, as indicated by its x axis.

#### 1.2. Installation of the monitor container

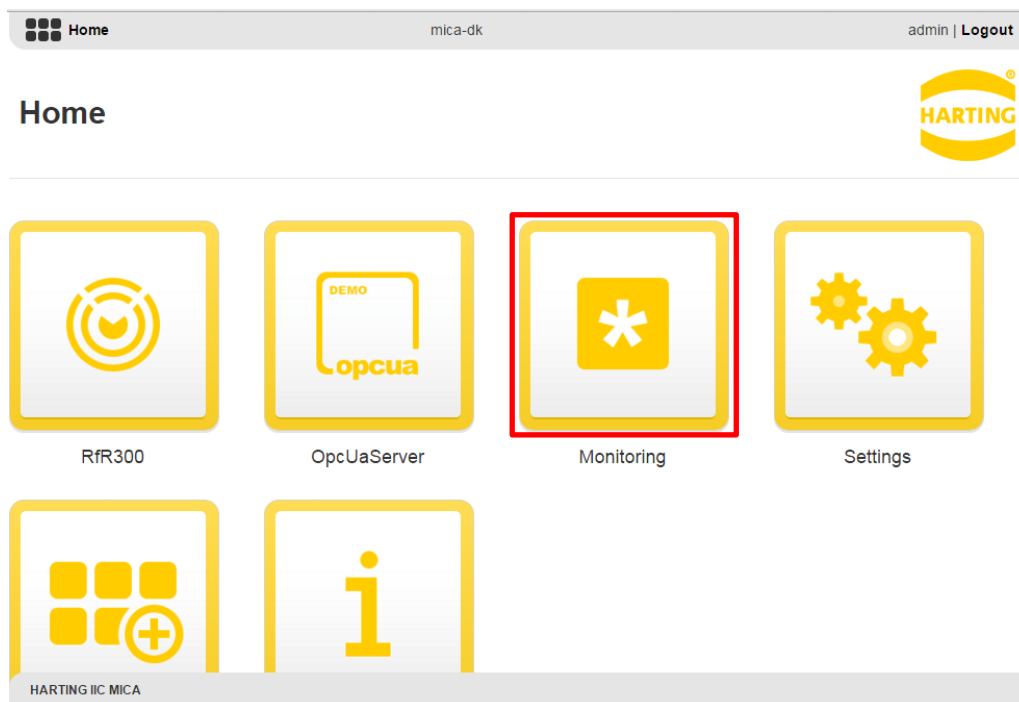


Figure 1: IIC MICA home screen including a (highlighted) monitor container

The installation and configuration routine of the Node.js Environment Container follows the standard routine as provided by the IIC MICA and can be found in the “MICA Programming Guide”.

## 2. User-interface of the monitor container

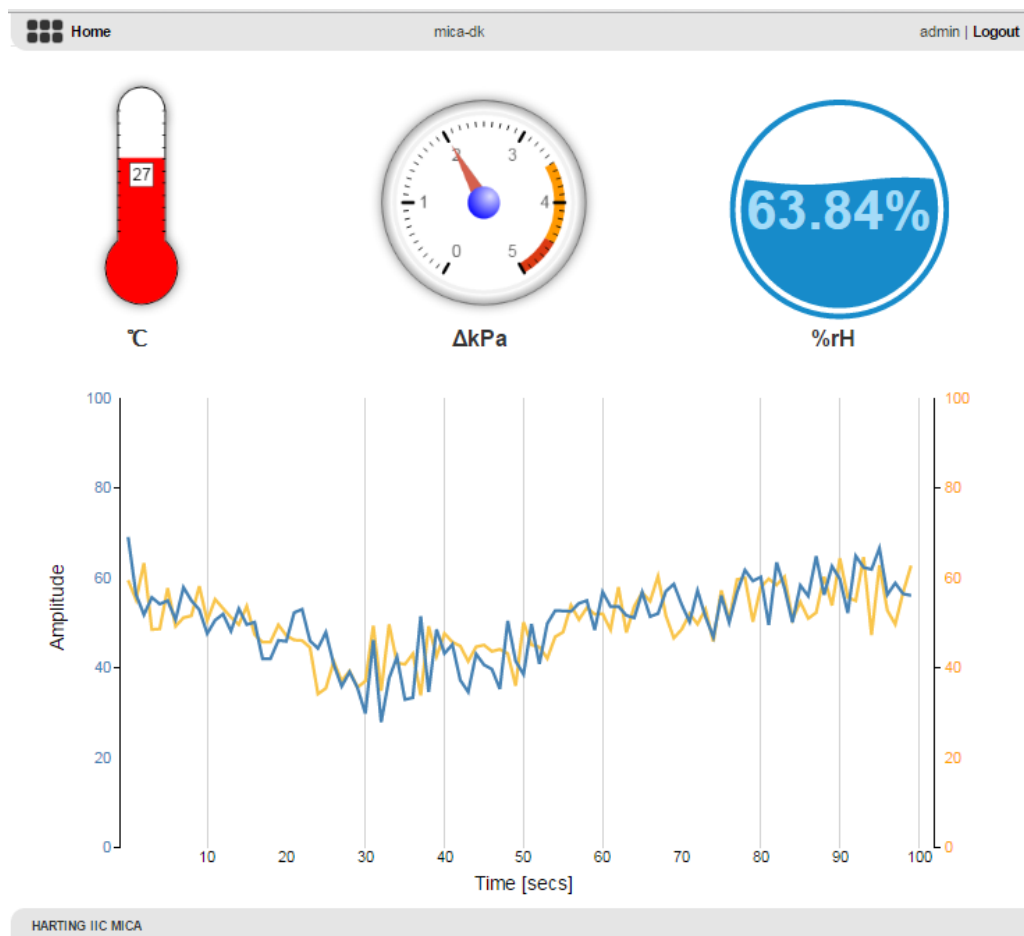


Figure 2: Screenshot of the dynamic visualisation of various meters and a data plot