HumidityWSN Service SD

1. HumidityWSN Overview

This document describes an Arrowhead service, including its interfaces, functions and information model.

1. Abstract Interface

This simple Service can fetch humidity values in relative percentage from a wireless sensor network, through a gateway.

# getHumidity

This method is a simple request with a simple response. There is no request message, and the response is called HumidityReadout.

1. Abstract Information Model

This service only handles humidity values.

Table 1 HumidityReadout type description

|  |  |
| --- | --- |
| **Field** | **Description** |
| Humidity | Relative humidity, provided in percentage |

1. Non-functional Requirements
2. References
3. Revision history

# Amendments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Date | Version | Subject of Amendments | Author |
| 1 | 2018-11-25 | 1.0 | Initial | Csaba Hegedűs |

# Quality Assurance

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Date | Version | Approved by |
| 1 |  |  |  |
| 2 |  |  |  |