



Ref: FAQ0360 Version: 1.0

Title –SDI 12 Logger config for Lufft

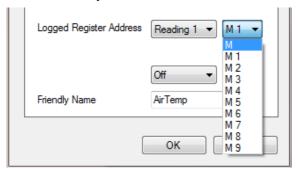
Made By: AE 19/04/16 (Issue 1)

Lufft WSx-UMB Weatherstation Configuration information for Radcom SDI-12 loggers using the IDT

SDI-12 uses 2 styles of data sets:

- 1) The "M" Basic Data set which contains a smaller selection of common measurements as detailed in section 19.6.4 of the Lufft manual
- 2) The "Mx" Additional Measurement Commands that contain groups of measurement types detailed in section 19.6.5.

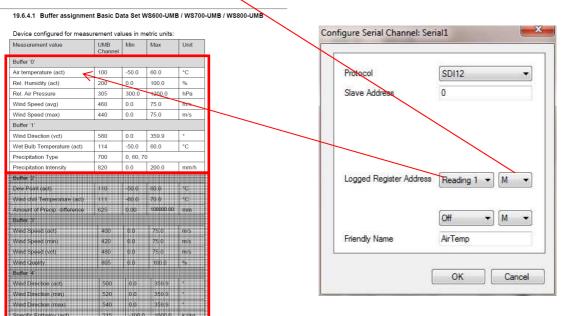
The data set you wish to read is selected using the dropdown below -



where choosing M selects the **Basic** set and choosing M 1 to M 9 selects the **Additional** set

The SDI-12 logger reads data from the weather station in 9 reading sets, so once you choose your data set (" \mathbf{M} x") which contains a selection of common measurements, you then select the **Reading** that you wish from the set.

Example 1: **Basic Data Set (M)**Refer to Lufft manual section 19.6.4



Note Buffers '2' and up are not supported by the logger.



M8





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1 Value

Example 2: Additional Measurement Set (M x)

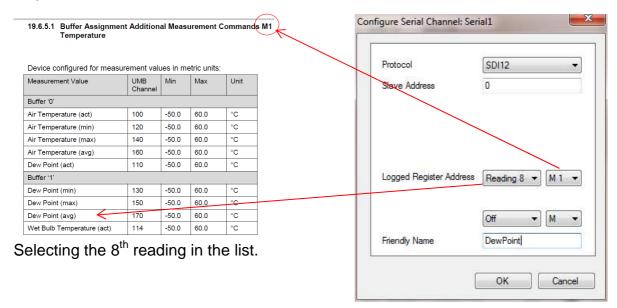
Refer to Lufft manual section 19.6.5

Available Measurement Sets with available measurement values are:

9 Values
9 Values
9 Values
9 Values
1 Values
9 Values
4 Values
9 Values
4 Values

Ext. Temperature

If the sensor type requested with the measurement command is not available with the actual variant of the Smart Weather Sensor (WS200-UMB ... WS700-UMB) the logger will respond with "Error".











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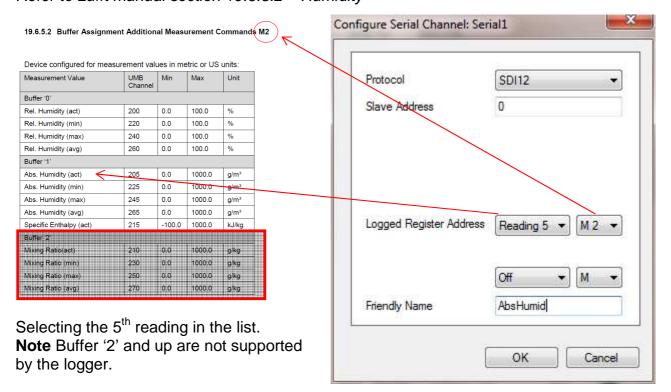
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Example 3: Additional Measurement Set (M x) Refer to Lufft manual section 19.6.5.2 – Humidity



Document History:

Edition	Date of Issue	Modification	Notes
1st	19/04/15	Release	