



## CALIBRATION CERTIFICATE

Certificate Information																
Date of Issue	2-Oct-2018															
Certificate Number	MLCN1823															
Customer Information																
Company Name	-															
Address	-															
Equipment-under-Test (EUT)																
Description	WiFi Temperature & Humidity Data Logging Sensor															
Manufacturer	Lascar															
Model Number	EL-WiFi-TH															
Serial Number	MAC: 98.8B.AD.20.92															
Equipment Number	---															
Calibration Particular																
Date of Calibration	2-Oct-2018															
Calibration Equipment	SIA-12F-0-1(MLTE122A) / MLEC17/11/10 / 21-Nov-18 SIA-12F-0-1(MLTE122B) / MLEC18/04/04 / 12-Oct-19															
Calibration Procedure	MLCG12, MLCG00															
Calibration Conditions	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;">Laboratory</td> <td style="padding: 5px;">Temperature</td> <td style="padding: 5px;">23 °C ± 5 °C</td> </tr> <tr> <td style="padding: 5px;">EUT</td> <td style="padding: 5px;">Relative Humidity</td> <td style="padding: 5px;">55% ± 25%</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">Stabilizing Time</td> <td style="padding: 5px;">Over 3 hours</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">Warm-up Time</td> <td style="padding: 5px;">Not applicable</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">Power Supply</td> <td style="padding: 5px;">Internal battery</td> </tr> </table>	Laboratory	Temperature	23 °C ± 5 °C	EUT	Relative Humidity	55% ± 25%		Stabilizing Time	Over 3 hours		Warm-up Time	Not applicable		Power Supply	Internal battery
Laboratory	Temperature	23 °C ± 5 °C														
EUT	Relative Humidity	55% ± 25%														
	Stabilizing Time	Over 3 hours														
	Warm-up Time	Not applicable														
	Power Supply	Internal battery														
Calibration Results	Calibration data were detailed in the continuation pages. All calibration results were within EUT specification.															
Approved By & Date																
	K.O. Lo															
	2-Oct-2018															
Statements																
<ul style="list-style-type: none"> <li>* Calibration equipment used for this calibration are traceable to national / international standards.</li> <li>* The results on this Calibration Certificate only relate to the values measured at the time of the calibration and the uncertainties quoted will not include allowance for the EUT long term drift, variation with environmental changes, vibration and shock during transportation, overloading, mishandling, misuse, and the capacity of any other laboratory to repeat the measurement.</li> <li>* MaxLab Calibration Centre Limited shall not be liable for any loss or damage resulting from the use of the EUT.</li> <li>* The copy of this Certificate is owned by MaxLab Calibration Centre Limited. No part of this Certificate may be reproduced without the prior written approval of MaxLab Calibration Centre Limited.</li> <li>* The reported EUT Reading is the mean of 3 readings and is rounded to the least significant digit of the EUT.</li> <li>* EUT Error = EUT Reading - Standard Reading</li> <li>* The expanded uncertainty with its coverage factor, corresponds to a 95% confidence level. Evaluation is according to the principles in the ISO Guide to the Expression of Uncertainty in Measurement.</li> </ul>																



Certificate No.

MLCN1823

<i>Calibration Data</i>						
Function	EUT Reading	Standard Reading	EUT Error	Calibration Uncertainty		EUT Specification
				Expanded Uncertainty	Coverage Factor	
Temperature	20.4 °C	20.0 °C	0.4 °C	0.4 °C	2	± 0.8 °C
	23.4 °C	23.0 °C	0.4 °C	0.4 °C	2	± 0.8 °C
	27.3 °C	27.0 °C	0.3 °C	0.4 °C	2	± 0.8 °C
Humidity	30 %RH	30.0 %RH	0.0 %RH	3.0 %RH	2	± 5 %RH
	49 %RH	50.0 %RH	-1.0 %RH	3.0 %RH	2	± 5 %RH
	74 %RH	75.0 %RH	-1.0 %RH	3.0 %RH	2	± 5 %RH

- END -

Calibrated By : Dan  
Date : 2-Oct-18

Checked By :  
Date :

K.O. Lo  
2-Oct-18

Page 2 of 2

萬備校正中心有限公司  
MaxLab Calibration Centre Limited

香港新界葵涌葵涌道16-18號保源工業大廈9樓B2室

Unit B2, 9/F., Baldwin Industrial Bldg., 16-18 Wah Sing Street, Kwai Chung, N.T., Hong Kong Tel: (852) 2119 1380 Fax: (852) 2264 6480 Email: info@maxlab.com.hk