

CALIBRATION CERTIFICATE

PRODUCT ID ubibot-ws4-
p4g1rs **DATE OF CALIBRATION** 01/2026

SERIAL NO. QE51VKVAWS4 **DATE OF EXPIRY** 01/2028

MANUFACTURER Dalian Cloud Force Technologies CO LTD

CALIBRATED SENSOR SHT30 **CALIBRATION EQUIPMENT** DewStarS-1

CALIBRATION METHOD

JJF1076-2001 - Mechanical thermometer testing procedure
JJG205-2005 - Humidity sensor calibration specification

TRACEABILITY

Calibration results of above reference instrument was referred to CNAS (China National Accreditation Service for Conformity Assessment) and can be traceable to NIST (National Institute of Standards and Technology).

REMARK

The instrument should be calibrated renewedly if the instrument be repaired in using or you have doubt on its technique indicators. The calibration validity is 24 months.

CALIBRATION RESULTS

Temperature Accuracy		0°C to 60°C	Precision	±0.2°C
Validation	Indicated	Variance	Pass	
60°C	60.2°C	0.2°C	Y	
40°C	39.8°C	-0.2°C	Y	
25°C	25.1°C	0.1°C	Y	
0°C	0.1°C	0.1°C	Y	
Humidity Accuracy		10 to 90%RH	Precision	±2%RH
Validation	Indicated	Variance	Pass	
90%RH	88%RH	-2%RH	Y	
70%RH	71%RH	1%RH	Y	
50%RH	48%RH	-2%RH	Y	
30%RH	32%RH	2%RH	Y	
10%RH	11%RH	1%RH	Y	

INSPECT BY

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Calibration Certification

Name and address of the manufacturer: Sensirion AG
Laubisruetistrasse 50
CH-8712 Switzerland

Description: Digital Humidity- and Temperature Sensors

- SHT1x
- SHT3x
- SHTC1
- STS21
- SHT2x
- SHT7x
- SHTW2
- STS3x

The above mentioned products are calibrated to meet the specifications according to the corresponding Sensirion data sheet. Each device is individually tested after its calibration.

Sensirion uses transfer standards for the calibration. These transfer standards are themselves subject to a scheduled calibration procedure. The calibration of the reference itself used for the calibration of the transfer standards is performed by an ISO/IEC 17025 accredited laboratory.

The accreditation body is full member of the International Laboratory Accreditation Cooperation (www.ilac.org). Calibration certificates issued by facilities accredited by a signatory to the ILAC Mutual Recognition Arrangement (MRA) are accepted by all signatories to the ILAC MRA.

This provides traceability of measurement to recognized national standards and to units of measurement realized at the “National Physical Laboratory” (NPL) or other recognized national standards laboratories like “Physikalisch-Technische Bundesanstalt” (PTB) or “National Institute of Standards and Technology” (NIST).

Staefa, February 2018



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