



CALIBRATION  
CNAS L2865

# Zhejiang Province Institute of Metrology

## Calibration Certificate

Certificate No.: RG-20200200580

Client	Zhejiang Uniview Technologies Co., Ltd.
Address	South Wing, Building No. 10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou
Instrument	Intelligent temperature measurement face recognition access control terminal
Model	EP-BTM32-ABC
Factory SN:	210235C3R03198000019
Manufacturer	Zhejiang Uniview Technologies Co., Ltd.
Date of receipt	2020-02-27
Date of calibration	2020-02-27
Date of approval	2020-03-02



Approved by: 方屹峰

Position: senior engineer

Calibrated by: 徐超

Checked by: 方屹峰



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I. This Institute has been evaluated by China National Accreditation Service for Conformity Assessment, conforming to the requirements of CNAS-CL01:2018 (ISO/IEC 17025: 2017) General Requirements for the Competence of Testing and Calibration Laboratories. The certificate No. is CNAS L2865.

II. Technical document on which the calibration is based:

JJF 1107-2003 Calibration Specification of Infrared Thermometers for Measurement of Human Temperature

III. Conditions and location of the calibration environment:

Location: Lab of Temperature and Humidity, Division of Thermo Engineering Measurement of Zhejiang Province Institute of Metrology

Temperature: 17°C                      Relative humidity: 58%

Atmospheric pressure:   /   kPa

IV. Major measuring equipment used in the calibration:

Name	Measurement Range	Degree of Uncertainty / Accuracy Class / Maximum Permissible Error	Traceability Organization	Certificate No.	Expiry Date
Blackbody radiation source	(20–50)°C	MPE: ±0.1°C	Zhejiang Province Institute of Metrology	RG-20190601763	2020-06-13
Blackbody radiation source	(20–50)°C	MPE: ±0.1°C	Zhejiang Province Institute of Metrology	RG-20190601762	2020-06-13

V. Calibration result/description:

**No blackbody:**

Calibration Point (°C)	Error of Indication (°C)	Expanded Uncertainty $U$ (°C) ( $k=2$ )
35.0	-0.1	0.1
40.0	+0.3	0.1

Notes:

- (1) The emissivity is set to 1.0.
- (2) The calibration distance is 1.0m.
- (3) Within 10 minutes, the indication fluctuates from 34.7°C to 35.2°C (at the temperature point of 35°C).
- (4) The over-temperature alarm function works normally.

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Notes:

1. The calibration result in this certificate is valid only for the measurement instrument calibrated this time.
2. Without approval from Zhejiang Province Institute of Metrology, partial adoption of content in this certificate is invalid.

