

EU Type Examination Certificate

Certificate No: DK-RED003163 i01

Certificate Holder: CONEL GmbH
Margot-Kalinke-Strasse 9
80939 München
GERMANY

Product Type: Wireless LAN equipment
Infrared Thermal Camera

Model(s): CTOOLWBK322F

We, TÜV SÜD DANMARK ApS, as Notified Body number 2443, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements:	Article 3.1 (a) in respect of Health and Safety
	Article 3.1 (b) in respect to EMC
	Article 3.2 in respect to the use of the Radio Spectrum

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

Technical Documentation: CONEL GmbH CTOOLWBK322F RED TCF

Valid from: 2024-11-11

Peter

(Peter Jia)

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This certificate has been issued in accordance with the TÜV SÜD Testing, Certification, Validation and Verification Regulations and constitutes page 1 of the combined Certificate and Annex. The Conditions for the validity of this certificate are listed in the Annex. For further details, related to this certification please contact babt@tuvsud.com

Issued by TÜV SÜD DANMARK ApS under document number: REDK1 114025 0003 Rev. 00
TÜV SÜD DANMARK ApS • Strandvejen 125 • 2900 Hellerup • Denmark

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Annex to EU-Type Examination Certificate

1 Equipment Description

The EUT is an Infrared Thermal Camera which has WIFI function operated at 2.4G & 5G bands, SRD function operated at 5.8GHz, Bluetooth function and GNSS function.

	Model	HW Version	SW Version
Original	CTOOLWBK322F	V02	1.0.13

1.1 Supported Functions and Features

1.1.1 Non-radio features

Powered by a Li-ion rechargeable battery with a capacity of 5000mAh/3.6V, or by a power adaptor with output capacity of 5Vdc/3A through type-C terminal.

1.1.2 Radio features

Radio	Features	Operating Spectrum / Power	
Bluetooth	BDR and EDR	2.400-2.4835GHz	2.3 dBm
Bluetooth	Low Energy	2.400-2.4835GHz	0.5 dBm
IEEE 802.11b/g/n	Adaptive	2.400-2.4835GHz	12.4 dBm
IEEE 802.11a/n/ac	Adaptive DFS without detection	5.150-5.350GHz	12.6 dBm
		5.470-5.725GHz	12.5 dBm
		5.725-5.850GHz	-1.21 dBm
GNSS	GPS, GLONASS, Beidou	L1, G1, B1I	Receive only

1.2 Accessories

Model/Part Number	Description
ABT030050D	Power Adapter, Input:100-240VAC, 50/60Hz, 1.5A Output: 5.0Vdc 3.0A
F900025ACC	Battery, Rated: 3.6V 5000mAh 18Wh
F900026ACC	Battery Charging Dock, Input: 5.0Vdc 3.0A

2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2
EN 61010-1:2010/A1:2019 EN 60825-1:2014/A11:2021 EN 50663:2017 EN 50665:2017 EN 62311:2008	EN 61326-1:2013 EN IEC 61326-1:2021 EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 Draft EN 301 489-17 V3.2.6 EN 301 489-19 V2.2.1	EN 300 328 V2.2.2 EN 301 893 V2.1.1 EN 300 440 V2.1.1 EN 300 440 V2.2.1 EN 303 413 V1.2.1

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

Declaration of Conformity for CONEL GmbH Infrared Thermal Camera RED, Dated 2024-10-30
Draft

3.3 Strategic Documentation

RISK ASSESSMENT_CONEL	Issued	2024-10-28
JoC CONEL GmbH CTOOLWBK322F RED	Issued	2024-10-30
Authorization letter for CE Co-Certificate	Issued	2024-09-26

3.4 Technical Compliance Documentation

3.4.1 Article 3.1(a)

704202100609-00	Issued	2021-11-15
4842021255500B	Issued	2021-12-27
4842021255500C	Issued	2021-11-05
4842021255500D	Issued	2021-11-05
4842021255500E	Issued	2021-11-05
4842021255500F	Issued	2021-11-05
704202100609-01	Issued	2024-06-24
4842021255501B	Issued	2024-07-16
4842021255501C	Issued	2024-06-13
4842021255501D	Issued	2024-06-13
4842021255501E	Issued	2024-06-13
4842021255501F	Issued	2024-06-13

3.4.2 Article 3.1(b)

4842021255500A	Issued	2021-12-27
4842021255501A	Issued	2024-07-16

3.4.3 Article 3.2

4842021255500B	Issued	2021-12-27
4842021255500C	Issued	2021-12-27
4842021255500D	Issued	2021-12-27
4842021255500E	Issued	2021-12-27
4842021255500F	Issued	2021-12-27
D21T00351-SRD06-V00	Issued	2021-10-15
4842021255501B	Issued	2024-07-16
4842021255501C	Issued	2024-07-16
4842021255501D	Issued	2024-07-16
4842021255501E	Issued	2024-07-16
4842021255501F	Issued	2024-07-16
24B01 300194-001-V1	Issued	2024-06-12

4 Additional Information

None

5 Conditions of Validity

None

Signature:

Peter

(Peter Jia)

Date:

2024-11-11

On behalf of TÜV SÜD DANMARK ApS