

EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number **0700**



This is to certify that:

PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	21-210840
Manufacturer	Inrico Technologies Co., Ltd
Address	3/F, Building NO.118, High Tech Industrial Park, 72 Guowei Road, Luohu District, Shenzhen, China
Product Description	Intelligent Two Way Radio; with WiFi, Bluetooth, GSM, WCDMA, LTE, GPS, GLONASS and BDS
Brand Name / Model Name	Inrico / T320

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	Conform
Article 3.1 b): Electromagnetic Compatibility	Conform
Article 3.2: Effective and Efficient Use of Radio Spectrum	Conform
Additional Essential Requirements:	Not applicable

Date of issue **2021-07-22** Expiry date: **2026-07-21**

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.




Signed by Wayne Hsu
Notified Body

Place of signature: Luohu District, Shenzhen

The attached Annex forms part of this certificate. This certificate consists of 4 pages.

Annex

Technical description

Frequency Range	GSM 850 / 900 / 1800 / 1900 MHz Bluetooth: 2402 - 2480 MHz 2.4G WiFi (20 MHz): 2412 - 2472 MHz 2.4G WiFi (40 MHz): 2422 - 2462 MHz GPS: 1575.42 MHz (Rx) GLONASS: 1602.5625 MHz (Rx) BDS: 1561.098 MHz (Rx) Galileo:1575.42 MHz (Rx) UTRA FDD Band I/VIII E-UTRA FDD Band 1/3/7/20/28 E-UTRA TDD Band 38/40
Transmit Power	GSM 900: Max. 2W /DCS1800: Max. 1W Bluetooth: 5.12 dBm EIRP WiFi: 15.21 dBm EIRP UTRA FDD: 24 dBm E-UTRA FDD/TDD: 23 dBm
Hardware Version	TNZ800_MB_V1.1_20171016
Software Version	T320_Inrico_EN_V1.0_1228

System Components

Battery	B-87C, 3.8V, 3500mAh, Shenzhen Inrico Electronics Co., Ltd.
---------	---

Optional Components

Adapter 1	HJ-0502000W2-EU, SHENZHEN HUAJIN ELECTRONICS CO.,LTD. Input: AC 100V-240V, 50/60Hz, 0.3A; Output: DC 5V, 2A
Adapter 2	HJ-0502000W2-UK, SHENZHEN HUAJIN ELECTRONICS CO.,LTD. Input: AC 100V-240V, 50/60Hz, 0.3A; Output: DC 5V, 2A
USB Cable	1.2m Shielded Without Ferrite, Shenzhen Inrico Electronics Co.,Ltd

Approval documentation

	Technical Documentation including Inrico_T320 External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List
EU Declaration of Conformity	Provided
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment Cover Letter Construction Equality Declaration



Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014+A11:2017	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05043501Y
EN 62479:2010 EN 62209-1:2016 EN 62209-2:2010 EN 50360:2017 EN 50566:2017	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05047656W Rev.01
EN 55032:2015/AC:2016-07 EN 55035:2017 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 ETSI EN 301 489-19 V2.1.1 Draft ETSI EN 301 489-52 V1.1.2	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05047656W-7 Rev.01
ETSI EN 301 511 V12.5.1	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05047656W-1 Rev.01
ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-2 V13.1.1	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05047656W-2 Rev.01
ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-13 V13.1.1	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05047656W-3 Rev.01
ETSI EN 300 328 V2.2.2	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05047656W-4 Rev.01 WTX21X05047656W-5 Rev.01
ETSI EN 303 413 V1.1.1	Waltek Testing Group (Shenzhen) Co., Ltd.	WTX21X05047656W-6 Rev.01


Limitations / Restrictions

Operating Temperature range is -10 ~ 40 degree Celsius.

Body SAR Separation distance is 5mm and 25mm for Front-of-Face.

This device also contains frequency bands that are not operational in EU member states. Only the frequency bands used in European Union have been assessed for this EU-TYPE EXAMINATION (MODULE B) CERTIFICATE.

Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.