

EU – TYPE EXAMINATION CERTIFICATE
RADIO EQUIPMENT DIRECTIVE 2014/53/EU
Annex III Module B


MANUFACTURER

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Address	:	8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen, China
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Email	:	yulian.lai-a1267@aqara.com
Phone number	:	N/A

PRODUCT DESCRIPTION

Trademark/Trade Name	:	Aqara
Model Number	:	HE1-G01
Product Description	:	Hub E1

NOTIFIED BODY

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.	
Certificate number	:	E1177-210790	
Name and Signature	:	Bruno Clavier 	Date: August 4, 2021

The device shall be marked as follows:



Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Notified Body, has issued this EU-Type Examination Certificate in accordance with Annex III Module B. The product described appears to be in conformity with the essential requirements Article 3.1(a), 3.1(b), and 3.2 of RED 2014/53/EU. This certificate relates only to the documents as provided to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of this Directive or the conditions for validity of that certificate, whichever comes first.

TIMCO ENGINEERING, INC.
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This Certificate is issued under the provision that TIMCO Engineering Inc. nor its subsidiary companies accept any liability concerning the contents of this document other than forced by law. Reproduction of the Certificate (with Annex) in full is allowed. Reproduction of parts of this certificate may only be allowed by written permission of TIMCO Engineering, Inc.

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Date: August 4, 2021

PRODUCT SPECIFICATIONS

Intended Use / Category	: Wideband Data Transmission Systems
RF output power	: ZigBee:9.95dBm 2.4G WiFi: 16.93dBm (EIRP)
Frequency range (MHz)	: ZigBee: 2405-2475MHz 2.4G WiFi: 2412-2472MHz
Modulation	: ZigBee: OQPSK 2.4G WiFi: DSSS, OFDM
Antenna type	: ZigBee: Internal antenna with 1.0dBigain (Max.) 2.4G WiFi: Internal antenna with 2.5dBigain (Max.)

According to the Technical Documentation compiled by the Manufacturer, the following standards were used:

ESSENTIAL REQUIREMENTS

Essential Requirement	Standard Number & Version
Radio (Article 3.2)	: ETSI EN 300328 V2.2.2
EMC (Article 3.1b)	: ETSI EN 301489-1 V2.2.3 ETSI EN 301489-17 V3.2.4 EN 55032:2015/A11:2020 EN 55035:2017
Health (Article 3.1a)	: EN 50665:2017 EN 62311: 2008
Safety (Article 3.1a)	: EN 62368-1:2014+A11:2017

TECHNICAL DOCUMENTATION

Item	Exhibit Description	
1.	Copy of the Declaration of Conformity (Draft is acceptable)	<input checked="" type="checkbox"/>
2.	Pictogram exhibit for the packaging to satisfy the RED 10(10). A Letter of Attestation and/or exhibits for compliance with Article 10(10)/Regulations 14 is acceptable.	<input type="checkbox"/>
3.	Operational Description of the product/device.	<input checked="" type="checkbox"/>
4.	External Photos of the device	<input checked="" type="checkbox"/>
5.	Internal Photos of the device	<input checked="" type="checkbox"/>
6.	RED Annex VI Point 8/RER Schedule 6 Point 8 - Where applicable, a description/or declaration statement about the versions of software or accessories and components affecting compliance with essential requirements. Alternatively, indicate whether the manufacturer intends to allow the end-user to change or modify the hardware and software.	<input checked="" type="checkbox"/>
7.	User manual and information and installation instructions	<input checked="" type="checkbox"/>
8.	Schematic drawings.	<input checked="" type="checkbox"/>
9.	Block Diagrams	<input checked="" type="checkbox"/>

Item	Exhibit Description (Cont.)																				
10.	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment (i.e. a Circuit Description where applicable)		<input type="checkbox"/>																		
11.	Risk Assessment. RED Annex III module B/RER Schedule 3 module B - Analysis and assessment of the risk(s) (See TGN 30 for guidance)		<input checked="" type="checkbox"/>																		
12.	If Applicable: Modification/Standard Update/Applicant or Manufacturer info change letter explaining the changes to the existing version of the product along with supporting exhibits (e.g., photos, schematics, new applicant details, etc.) Applicable for Product Modifications, Applicant Name Change, Add Model, and Standard Update.		<input type="checkbox"/>																		
13.	If Applicable: Previous Copy of the EU/UK-type examination certificate and annexes as delivered by other notified bodies involved in the conformity assessment (e.g., original certificates in case of product modifications, modules certificates, etc.) Where applicable.		<input type="checkbox"/>																		
14.	Test Reports		<input checked="" type="checkbox"/>																		
<table border="1"> <thead> <tr> <th data-bbox="293 663 667 699">Radio / EMC / Health / Safety</th> <th data-bbox="667 663 1089 699">Test Report Number</th> <th data-bbox="1089 663 1333 699">Issue Date/ Rev. No</th> </tr> </thead> <tbody> <tr> <td data-bbox="293 699 667 732">EMC</td> <td data-bbox="667 699 1089 732">E20210414049301-10-G1</td> <td data-bbox="1089 699 1333 732">July 27, 2021</td> </tr> <tr> <td data-bbox="293 732 667 766">Radio Zigbee</td> <td data-bbox="667 732 1089 766">E20210414049301-3-G1</td> <td data-bbox="1089 732 1333 766">July 27, 2021</td> </tr> <tr> <td data-bbox="293 766 667 800">Radio 2.4G Wi-Fi</td> <td data-bbox="667 766 1089 800">E20210414049301-1</td> <td data-bbox="1089 766 1333 800">July 23, 2021</td> </tr> <tr> <td data-bbox="293 800 667 833">Safety</td> <td data-bbox="667 800 1089 833">S2021041450810101</td> <td data-bbox="1089 800 1333 833">July 23, 2021</td> </tr> <tr> <td data-bbox="293 833 667 867">Health</td> <td data-bbox="667 833 1089 867">E20210414049301-2-G1</td> <td data-bbox="1089 833 1333 867">July 27, 2021</td> </tr> </tbody> </table>				Radio / EMC / Health / Safety	Test Report Number	Issue Date/ Rev. No	EMC	E20210414049301-10-G1	July 27, 2021	Radio Zigbee	E20210414049301-3-G1	July 27, 2021	Radio 2.4G Wi-Fi	E20210414049301-1	July 23, 2021	Safety	S2021041450810101	July 23, 2021	Health	E20210414049301-2-G1	July 27, 2021
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