



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


MANUFACTURER

Name	:	Lumi United Technology Co., Ltd
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PRODUCT DESCRIPTION

Trademark/Trade Name	:	Aqara
Model Number	:	MFKZQ01LM
Product Description	:	Cube

NOTIFIED BODY

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	E1177-210583 (Original: 18-210870 April 19, 2018)		
Name and Signature	:	Bruno Clavier		Date: June 8, 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to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the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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PRODUCT SPECIFICATIONS

Intended Use / Category	:	ZigBee
RF output power	:	9.79dBm EIRP
Frequency range (MHz)	:	2405MHz-2480MHz
Modulation	:	O-QPSK
Antenna type	:	PCB Antenna/2dBi

According to the Technical Documentation compiled by the Manufacturer, this radio equipment was assessed for compliance with the following standards, which were applied in full:

ESSENTIAL REQUIREMENTS ASSESSED

Essential Requirement	Standard Number & Version
Radio (Article 3.2)	: ETSI EN 300 328 V2.2.2: 2019-07
EMC (Article 3.1b)	: ETSI EN 301 489-1 V2.1.1: 2017-02 ETSI EN 301 489-17 V3.1.1: 2017-02
Health (Article 3.1a)	: EN 62479: 2010
Safety (Article 3.1a)	: EN 62368-1: 2014+A11: 2017

LIST OF DOCUMENTS REVIEWED

Item	Exhibit Description	
1	Copy of the Declaration of Conformity	<input checked="" type="checkbox"/>
2	Letter from Manufacturer/Applicant authorizing the agent and/or representative, if application is filed by someone other than the Manufacturer.	<input checked="" type="checkbox"/>
3	Attestation letter demonstrating compliance with Article 10(2)	<input checked="" type="checkbox"/>
4	Letter of Attestation and/or exhibits for compliance with Article 10(10) (i.e. info on packaging with user instructions)	<input checked="" type="checkbox"/>
5	A brief description of the radio equipment (e.g. Operational Description)	<input checked="" type="checkbox"/>
6	Photographs or illustrations showing external features, marking and internal layout	<input checked="" type="checkbox"/>
7	RED Annex VI 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"/>
8	User information and installation instructions	<input checked="" type="checkbox"/>
9	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements (i.e. Schematics and Block Diagrams)	<input checked="" type="checkbox"/>
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 checked="" type="checkbox"/>
11	RED Annex III module B - Analysis and assessment of the risk(s)	<input checked="" type="checkbox"/>
12	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.)	<input checked="" type="checkbox"/>

Item	Exhibit Description (Cont.)		
13	Copy of the EU-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.)		<input checked="" type="checkbox"/>
14	Test Reports		<input checked="" type="checkbox"/>
	Radio / EMC / Health / Safety	Test Report Number	Issue Date/ Rev. No
	Radio	CTC20210812E01	May. 11, 2021 / 01
	EMC	GTI20180287E-1	Mar. 21, 2018
	Health	GTI20180287E-3	Mar. 21, 2018
	Safety	CTC20201277S01	Sep. 04, 2020