TIMCO ENGINEERING, Inc
AN IIA COMPANY

INDUSTRIAL INSPECTION & ANALYSIS

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

MANUFACTURER

Name	:	Allterco Robotics
Address	:	1407 Sofia, Bulgaria, 103 Cherni Vrah Blvd, Bulgaria
Contact Name & Title	:	Svetozar Iliev / CEO
Email	:	s.iliev@allterco.com
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PRODUCT DESCRIPTION

Trademark/Trade Name	:	Shelly
Model Number	:	Shelly Button1
Product Description	:	WiFi Button Switch

NOTIFIED BODY

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	1177-200348		
Name and Signature	:	Bruno Clavier	Date:	September 21, 2020

The device shall be marked as follows: CE

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to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the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. P.O. BOX 370 NEWBERRY, FL 32669 www.timcoengr.com	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: September 21, 2020

PRODUCT SPECIFICATIONS

Intended Use / Category	:	SRD-Wideband data transmission system
RF output power (type)	:	10.62 dBm (EIRP)
Frequency range (MHz)	:	2412~2472
Modulation	:	802.11b: DSSS (CCK, QPSK, DBPSK) 802.11g/n (HT20): OFDM(64QAM, 16QAM, QPSK, BPSK)
Antenna type and Gain	:	PCB Antenna, 0dBi(Max.)

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 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.1.1(2017-02) EN 55032: 2015+A1: 2016 EN 55035: 2017 EN IEC 61000-3-2: 2019 EN 61000-3-3: 2013+A1: 2019
Health (Article 3.1a)	:	EN 62311: 2008
Safety (Article 3.1a)	:	EN 62368-1:2014+A11:2017

LIST OF DOCUMENTS REVIEWED

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

Item	Exhibit Description (Cont.)			
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.)			☐
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.)			☐
14	**Test Reports**			☑
	Radio / EMC / Health / Safety	**Test Report File Name**	**Issue Date/ Rev. No**	
	Radio Wi-Fi	LCS200727076AEB	Aug. 12, 2020 / 000	
	EMC	LCS200727076AEA	Aug. 12, 2020 / 000	
	EMC	LCS200727077AE	Aug. 12, 2020 / 000	
	Safety	LCS200727078AS	Aug. 5, 2020	
	Health	LCS200727076AEC	Aug. 12, 2020 / 000	