



Certificate

EU-Type Examination

Number: 1304-RED-0177

Project file: C20220323

This certificate is issued in accordance with Article 17 and Annex III of the Radio Equipment Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014.

Product: Access control and time attendance device

Type reference: C049

Trademark: Creasoft

Applicant: CREASOFT IT SRL
Strada Mircea cel Batran Nr. 76 Sector 5, 051112 Bucharest, Romania

Manufacturer: EMS-ELECTRA S.R.L.
Parc Industrial Miroslava Str. Principala nr.33 Corp B, Bratuleni-Miroslava
707307, Judet Iasi, Romania

This EU-type examination certificate is given in respect of compliance of radio equipment with the essential requirements set out in Article 3 of the Radio Equipment Directive 2014/53/EU and concerns the product identified above and its compliance with the following essential requirements:

Essential Requirements	Assessed	Result
Health and safety Article 3.1(a)	Yes	Conform
Electromagnetic compatibility Article 3.1(b)	Yes	Conform
Radio spectrum Article 3.2	Yes	Conform
Radio equipment within certain categories or classes Article 3.3	No	/

Notified body: SIQ Ljubljana
Mašera-Spasičeva ulica 10, SI-1000 Ljubljana, Slovenia

Notification number: 1304

This certificate will remain valid as long as the circumstances relevant for its issue remain unchanged. This conformity assessment is limited to the essential requirements of the Radio Equipment Directive 2014/53/EU. Only products fulfilling all essential requirements of all applicable directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.

Date: 2022-07-15

Authorized signature: Bojan Pečavar

Only integral publication of this certificate is allowed. This certificate may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the certificate.

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Ratings and technical description of product:

Input: 13 Vdc \pm 10%; max. 0,374 A

Output: 5 Vdc; 0,25 A

HW version of motherboard: PCB C049R3_1

FW version: RFID_2_GSM_V3.0.02.08FDP_28-10-21

HW version of build-in module: PCB C056R01;

Places of manufacture:

EMS-ELECTRA S.R.L.

Parc Industrial Miroslava Str. Principala nr.33 Corp B, Bratuleni-Miroslava 707307, Judet Iasi, Romania

Technical description of built in RF module(s):

Product name: GSM Data and Voice Module

Type reference: SARA G350

Trademark: Ublox

Manufacturer: u-blox AG

Frequency Range: **E-GSM 900** (880,2 – 914,8 MHz)
DCS 1800 (1710,2 – 1784,8 MHz)

Transmitted Power: **E-GSM 900** (Max. 32,7 dBm + 3,9 dBi)
DCS 1800 (Max. 29,7 dBm + 4,1 dBi)

Duty Cycle: 25%

Hardware Version: SARA-G350-02S (248005)

Software Version: 08.90

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Technical documentation and supporting evidence:

Health and safety - Article 3.1(a)

The protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in Directive 2014/35/EU, but with no voltage limit applying.

Testing Laboratory	Technical standards and specifications	Test Report No.
SIQ Ljubljana	EN 62368-1:2014 + A11:2017	T223-0337/22

Electromagnetic compatibility - Article 3.1(b)

An adequate level of electromagnetic compatibility as set out in Directive 2014/30/EU.

Testing Laboratory	Technical standards and specifications	Test Report No.
SIQ Ljubljana	EN 303 446-1 V1.2.1 in conjunction with EN 301 489-52 V1.2.1	T251-0237/22 M1

Efficient use of radio spectrum - Article 3.2

Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Testing Laboratory	Technical standards and specifications	Test Report No.
7 layers GmbH	EN 301 511 V12.5.1	MDE_UBLOX_1910_RADIO01 MDE_UBLOX_1910_RADIO02
AT4 Wireless		DMV013_V1

Radio equipment within certain categories or classes - Article 3.3

- (a) radio equipment interworks with accessories, in particular with common chargers;
- (b) radio equipment interworks via networks with other radio equipment;
- (c) radio equipment can be connected to interfaces of the appropriate type throughout the Union;
- (d) radio equipment does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service;
- (e) radio equipment incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected;
- (f) radio equipment supports certain features ensuring protection from fraud;
- (g) radio equipment supports certain features ensuring access to emergency services;
- (h) radio equipment supports certain features in order to facilitate its use by users with a disability;
- (i) radio equipment supports certain features in order to ensure that software can only be loaded into the radio equipment where the compliance of the combination of the radio equipment and software has been demonstrated.

Testing Laboratory	Technical standards and specifications	Test Report No.
/	/	/

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