



# EU-Type Examination Certificate

**Number:** 1304-RED-0043

**Project file:** C20181057

*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.*

**Applicant:** Teletek Electronics JSC  
14A Srebarna Str., BG-1407 Sofia, Bulgaria

**Product:** GSM/GPRS Communication module

**Type reference:** TTE GPRS Standard, TTE GPRS Simple, TTE Simple, TTE Standard, AJAX GPRS Standard, AJAX GPRS Simple, MobiGuard, FullGuard, NETGuard, VisT GPRS, GPRS XN

**Trademark:** TELETEK

**Manufacturer:** Teletek Electronics JSC  
14A Srebarna Str., BG-1407 Sofia, Bulgaria

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 <b>Article 3.1(a)</b>	Yes	Conform
Electromagnetic compatibility <b>Article 3.1(b)</b>	Yes	Conform
Radio spectrum <b>Article 3.2</b>	Yes	Conform
Radio equipment within certain categories or classes <b>Article 3.3</b>	No	/

**Notified body:** SIQ Ljubljana  
Tržaška cesta 2, 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:** 2018-07-18

**Authorized signature:** Igor Likar

*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:**

Intended use: connection between intruder or fire alarm panel and user or monitoring station

9-30 Vdc; 1,6 Amax

Protection class: III

Hardware version	6.3
Software version	9.4

**Place(s) of manufacture:**

Teletek Electronics JSC

14A Srebarna Str., BG-1407 Sofia, Bulgaria

**Date:** 2018-07-18

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## Technical description of built in RF module(s):

Product name: GSM/GPRS Module

Type reference: M66

Trademark: Quectel

Manufacturer: Quectel

Frequency Range:

**GSM900:**

**T<sub>x</sub>:**

880 MHz - 915 MHz

**R<sub>x</sub>:**

925 MHz - 960 MHz

**DCS1800:**

1710 MHz - 1785 MHz

1805 MHz - 1880 MHz

**BT + EDR:**

2402 MHz - 2480 MHz

2402 MHz - 2480 MHz

Modulation: **GSM/GPRS:** GMSK

**BT + EDR:** GFSK,  $\pi$ /DQPSK, 8PSK

Transmitted Power: Max. 32,5 dBm (GSM900) + max. 4dBi antenna

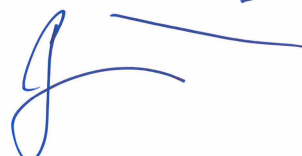
Hardware Version: R1.0

Software Version: M66FAR01A09BT

**Date:** 2018-07-18

**Authorized signature:**

Igor Likar



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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 60950-1:2006 + A1:2010 + A2:2013 + T223-0270/18 A11:2009 + A12:2011	
Unilab (Shanghai) Co., Ltd.	EN 62311:2008	UL32220170322CE003-5

### 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	Draft EN 303 446-1 V1.1.0	T251-0465/18

### 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.
Unilab (Shanghai) Co., Ltd.	EN 301 511 V12.5.1	UL32220170322CE003-1
Unilab (Shanghai) Co., Ltd.	EN 300 328 V2.1.1	UL32220170322CE003-2

### 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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