

EU Certificate of Conformity (in accordance with 93/68/EEC and EN ISO/IEC 17050-1: 2010) UKCA Declaration of Conformity (in accordance with UK Government)

We, Pyronix Ltd., located at the above address declare under our sole responsibility that the products, to which this declaration relates, meet the essential requirements and are in conformity with the relevant EU requirements and also with the relevant UK Statutory Instruments requirements and their amendments.

Certificate number: PYR043 Issue 2

We accept all the responsibilities for the products mentioned below.

Model Number	Product Name
361300092	DIGI-GPRS GPRS IP Communicator Module
361300872	DIGI-GPRS+SIM GPRS IP Communicator Module
361301415	DIGI-GPRS-10 GPRS IP Communicator Module
361300871	DIGI-GPRS/CSL-10 GPRS IP Communicator Module

Mentioned model numbers above are under the coverage of these directives.

The EU Directives covered by this Declaration:

2014/53/EU - Radio Equipment Directive (RED)

Directive (EU) 2017/2102 amending 2011/65/EU AND 2015/863/EU - EU RoHS restriction of the use of certain hazardous substances in electrical and electronic equipment

The UK Statutory Instruments covered by this Declaration:

2017 No. 1206 Radio Equipment Regulations 2017 (RED)

2012 No 2032 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (RoHS) and 2020 No. 1647 The Hazardous Substances and Packaging (Legislative Functions and Amendment) (EU Exit) Regulations 2020

The Basis on which Conformity is being declared:

The products identified above comply with the requirements of the above EU Directives and UK Statutory Instrument by meeting the following standards:

Article 3.1a – Safety:

EN 62368-1:2014+A11:2017 Audio/video, information and communication technology equipment. Safety requirements

EN 62311: 2008 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz) – (module only)

Article 3.1b – Electromagnetic Compatibility:

EN 61000-6-3: 2007 + A1: 2011 EMC. Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments (tested with the Enforcer control panel).

EN 50130-4: 2011 + A1: 2014 Alarm systems. Electromagnetic compatibility. Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems (tested with the Enforcer control panel).

ETSI EN 301 489-1:V2.1.1(2017-02) Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

Draft ETSI EN 301 489-52: V1.1.0 (2016-11) Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU (module only).

Article 3.2 – Radio Spectrum:

ETSI EN 301 511: V12.5.1 (2017-03) Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (module only).

Other

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Other Standards

EN 50131-1: 2006 + A1: 2009 + A2: 2017 Alarm systems – Intrusion and hold-up systems – Part 1: System requirements

EN 50131-3: 2009 Alarm systems. Intrusion and hold-up systems. Control and indicating equipment.

EN 50130-5: 2011 Alarm systems. Environmental test methods

EN 50136-1: 2012 + A1: 2018 Alarm systems – Alarm transmission systems and equipment - Part 1: General requirements for alarm transmission systems

EN 50136-2: 2013 Alarm systems – Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT)

EN 50131-10:2014 Alarm systems. Intrusion and hold-up systems. Application specific requirements for Supervised Premises Transceiver (SPT)

The technical documentation supporting this declaration is available at the above address for inspection by the relevant enforcement authorities.

The UKCA and CE marks was first applied in 2021 and 2016 respectively.

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The products described above comply with the essential requirements of the directives and Statutory Instrument specified.

Name Steven Fazey Signed *Steven Fazey*
Authority Compliance Engineer Date 20th August 2021

ATTENTION!

I hereby declare that the aforementioned products have been designed to comply with the relevant sections of the above referenced specifications. Pyronix Limited can only guarantee compliant operation when installed and operated according to the installation and user manuals that accompany the product(s).

SP5* (Single Path 5 suitable for Grade 4 option E systems from table 10 of EN 50131-1)

*(check polling rate of SIM)

Environmental class II

PD6662: 2017

Operating frequency bands (Quad-Band GSM850/ EGSM900/ DCS1800/ PCS1900 Wireless Module and related max radio-frequency power transmitted:
E-GSM/GPRS 900: 34 dBm
DCS/GPRS 1800: 31 dBm
Output power
- Class 4 (2W) @ 850 / 900 MHz
- Class 1 (1W) @ 1800 / 1900 MHz

