

EU Declaration of Conformity

Extronics Ltd, 1 Dalton Way, Midpoint 18, Middlewich, Cheshire CW10 0HU, UK

Equipment Type: **iWAP107, iRFID107**

This declaration is issued under the sole responsibility of the manufacturer

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation.

Directive 2014/34/EU Equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)

Provisions of the directive fulfilled by the equipment:

II 2 (1) GD
Ex db [ia IIC Ga] IIB+H₂ T5 Gb
Ex tb [ia Da] IIIC T100°C Db
RF Outputs: U_m = 253V_{r.m.s}
-20°C ≤ T_{amb} ≤ 60°C

Notified Body Element Rotterdam BV 2812 performed EU-Type Examination and issued the EU-Type certificate.

EU-Type Examination Certificates:

TRAC14ATEX0022X (incorporating variations V1 to V4)

Notified Body for Production:

Ex Veritas, 2804.

Harmonised Standards used:

EN 60079-0:2012/A11:2013	Explosive atmospheres – Part 0: Equipment - General requirements (A review against EN60079-0:2018, which is harmonised, shows no significant changes relevant to this equipment so EN 60079-0:2012/A11:2013 continues to represent "State of the Art")
EN 60079-1:2014	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
EN 60079-11:2012	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
EN 60079-31:2014	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

Directive 2014/30/EU EMC Directive

Harmonised Standards Used:

BS EN 61000-6-2:2005	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
BS EN 61000-6-4:2007+A1:2011	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments

Other Standards and Specifications used:

BS EN 62368-1:2014	Audio/video, information and communication technology equipment - Safety requirements
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Directive 2011/65/EU Restriction of the use of certain hazardous substances (RoHS) Compliant.

For and on behalf of Extronics Ltd, I declare that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Signed



Nick Saunders

Operations Director

Date: 23rd May 2023

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