



DECLARATION of CONFORMITY (DoC)



Megni (Trading as OpenEnergyMonitor)
Yr Hen Ysgol, Brynrefail, Caernarfon, Gwynedd, LL55 3NR, United Kingdom (+4401286 800870)

TYPE of EQUIPMENT: Energy Monitoring Device

MODEL NUMBER(S):

- emonTx V4
- emonVs
- emonVs Mini

We declare that the equipment specified above conforms to the essential requirements of following EC directive(s):

- **EC Directive 2014/30/EU Electromagnetic Compatibility (EMC)**
- **EC Directive 2014/53/EU Radio Equipment Directive (RED)**
- **EC Directive 2014/35/EU Low Voltage Directive (LVD)**
- **EC Directive 2011/65/EU Restriction of the use of certain Hazardous Substances (RoHS)**
- **EC Directive 2012/19/EU Waste of Electrical and Electronic Equipment (WEEE)**

Conformity to directive **2014/30/EU (EMC)** is assured by the compliance with the applicable parts of the following harmonized standards:

- BS EN 61000-6-1:2016 Immunity for residential, commercial and light-industrial environments.
- BS EN 61000-6-3:2016 Emission standard for residential, commercial and light-industrial environments.

Conformity to directive **2014/53/EU (RED)** is assured by the compliance with the applicable parts of the following harmonized standards and tests:

- ETSI EN300 220-1 V2.4.1:2012-05; ETSI EN300 220-2
- V2.4.1:2012-05; EN61000-3-2:2006/A1:2009/A2:2009;
- EN 61000-3-3:2013;
- EN301 489-1 V1.9.2; EN301 489-9 V1.4.1; EN55022:2010;
- EN55024:2010. EN 60950-1:2006+A11:2009+A1:2010+A12:2011

Conformity to directive **2014/35/EU (LVD)** is assured by the compliance with the applicable parts of the following harmonized standards:

- BS EN 62368-1:2020+A11:2020 Audio/video, information and communications technology equipment. Part 1: Safety requirements

Conformity to directive **2014/35/EU (RoHS)** is assured by the compliance with the applicable parts of the following harmonized standards:

- BS EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Conformity to directive **2012/19/EU (WEEE)** is assured by the compliance with the applicable parts of the following harmonized standards:

- BS EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)
- WEEE Scheme registration number: WEE/KG4239XX

Important Notes:

- *Any modifications performed without our consent will render this declaration invalid.*
- *The safety instructions contained in the documentation supplied must be followed.*

Glyn D. Hudson

Trystan Lea

Glyn Davies Hudson & Trystan Lea (Partners)

30st Aug 2022