



# EU Declaration of Conformity

We,  
 Innr Lighting B.V.  
 Heuvellaan 50  
 1217 JN Hilversum  
 The Netherlands

declare under our sole responsibility for the product(s):

Model Number	Description
BG 110	ZigBee bridge (previously JenNet-IP BG 100, reprogrammed and relabeled), connected by Ethernet cable to a WiFi router, bridging LAN to ZigBee devices such as bulbs, smart plugs, etc.
BG 110/02	Cost-down version of ZigBee bridge (previously JenNet-IP BG 100/02, , reprogrammed and relabeled), connected by Ethernet cable to a WiFi router, bridging LAN to ZigBee devices such as bulbs, smart plugs, etc.

that the designated product(s) is/are in conformity with the essential requirements of the following European Directives, by compliance with the following Harmonized Standards and other specifications referred to by those Directives:

## 2006/95/EC Harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits (Low Voltage Directive / LVD) Directive

- EN 60950-1:2006+A11:2009+A1:2010+A12:2011; Information Technology Equipment Part 1: general requirements

## 2004/108/EC Electro Magnetic Compatibility (EMC) Directive

- ETSI EN 301 489-1 V1.9.2:2011-09; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
  - EN 55022; Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
  - EN 61000-3-2:2014; Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions
  - EN 61000-3-3:2013; Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
  - EN 61000-4-2:2008; Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
  - EN 61000-4-3:2006+A1:2007+A2:2010; Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test

## 2004/108/EC Electro Magnetic Compatibility (EMC) Directive

- EN 61000-4-4:2012; Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
- EN 61000-4-5:2005; Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
- EN 61000-4-6:2008; Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- EN 61000-4-11:2004; Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
- ETSI EN 301 489-17 V2.2.1:2012-09; ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

## 1999/5/EC Radio & Telecommunications Terminal Equipment (R&TTE) Directive

- ETSI EN 300 328 V1.7.1:2006-10; Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
- EN 62311:2008; Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz)

## 2009/125/EC Ecodesign Requirements for Energy-related Products (ErP) Directive

- Commission Regulation (EC) No 278/2009 of 06 April 2009; implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies
  - Note: 2005/32/EC, amended by directive 2008/28/EC, is the predecessor of 2009/125/EC

## 2011/65/EU Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS) Directive

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

The CE mark was first applied in 2015.

Signed:



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Date: 2015-10-01.