

UK Declaration of Conformity (No. 101)

Product model / product:

Product: IHD3-PPMID - Consumer Smart Energy Device

Model: IHD3-PPMID-DB

Accessories Supplied: Plug-top Power Supply:
Part Number - S003ATB0500050
Model Number - R035034L-B

Name and address of manufacturer:

Chameleon Technology (UK) Ltd
PO Box 828
HARROGATE
HG1 9XS
United Kingdom

This Declaration of Conformity is issued under the sole responsibility of the manufacturer

The object of the Declaration described above is in conformity with the relevant UK Statutory Instruments (and their amendments):

SI 2017 No. 1206	The Radio Equipment Regulations 2017
SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
SI 2010 No. 2617	Ecodesign for Energy Related Product Regulations 2010

Reference to the relevant designated standards used or references to the technical specifications in relation to which conformity is declared:

Reference & Date	Title
Electrical Safety	
EN 62368-1:2014+A11:2017	Audio/video, information and communication technology equipment Safety requirements
Electromagnetic Compatibility	
EN 55032:2015+A1:2020	Electromagnetic compatibility of multimedia equipment. Emissions requirements
EN 55035:2017+A11:2020	Electromagnetic compatibility of multimedia equipment. Immunity requirements
EN IEC 61000-3-2:2019+A1:2021	Electromagnetic compatibility (EMC) limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013+A1:2019	Electromagnetic compatibility (EMC) limits. Part 3-3 limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 301 489-1: V2.2.3	Electromagnetic compatibility (EMC) standard for radio equipment and services (Common Technical requirements)
EN 301 489-3: V2.1.1	Electromagnetic compatibility (EMC) standard for radio equipment and services (Broadcast Data Transmission Systems)
EN 301 489-17: V3.2.4	Electromagnetic compatibility (EMC) standard for radio equipment services, Short-range Devices (SRD) operating frequencies of 9kHz to 246GHz

Radio Spectrum Efficiency

EN 300 328: V2.2.2	Wideband transmission systems: Data transmission equipment operating in the 2.4GHz band
EN 300 220-1: V3.1.1	Short Range Devices (SRD) operating in the frequency range 25MHz to 1000MHz (Part 1)
EN 300 220-2: V3.2.1	Short Range Devices (SRD) operating in the frequency range 25MHz to 1000MHz (Part 1)

Radio Type	Frequency Range	Max. Transmit Power
IEEE 802.15.4 IEEE 802.15.4	2400MHz - 2483.5MHz 863.15MHz - 872.95MHz	14dBm EIRP 14dBm EIRP

RoHS

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

(EU) 2019/1782	Ecodesign requirements for external power supplies
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Other Requirements

EN IEC 62311:2020	Human exposure restrictions for EMC fields (0Hz to 300GHz)
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Place of Issue: Harrogate, UK

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Signed:



Michael Woodhall, CEO