

UK Declaration of Conformity (No. 103)

Product model / product:

Product: IHD7 - Consumer Smart Energy Device

Model: IHD7-CAD-PPMID

Accessories Supplied: Plug-top Power Supply:
Part Number - S003ATB0500050
Model Number - R035033L-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	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

References 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 62368-1:2018	Audio/video, information and communication technology equipment Safety requirements
Electromagnetic Compatibility	
EN 55032:2015	Electromagnetic compatibility of multimedia equipment. Emissions requirements
EN 55035:2017	Electromagnetic compatibility of multimedia equipment. Immunity requirements

EN 61000-3-2:2014	Electromagnetic compatibility (EMC) limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013	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 301 489-17: V3.1.1	Electromagnetic compatibility (EMC) standard for radio equipment and services (Broadcast Data Transmission Systems)

Radio Spectrum Efficiency

EN 300 328: V2.2.2	Wideband transmission systems: Data transmission equipment operating in the 2.4GHz band
--------------------	---

Radio Type	Frequency Range	Max. Transmit Power
IEEE 802.15.4	2400MHz - 2483.5MHz	14dBm EIRP
IEEE 802.11 b/g/n	2400MHz - 2483.5MHz	20dBm EIRP

RoHS

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

ECO Design

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

Other Requirements

BS EN 62311:2020	Human exposure restrictions for EMC fields (0Hz to 300GHz)
------------------	--

Place of Issue: Harrogate, UK

Date of Issue: 29/03/2022

Signed:



Michael Woodhall, CEO