



UK Declaration of Conformity

For the following equipment :

Product Name: DALI Gateway

Model Designation: DLC-02-KN

The designated product(s) is(are) in conformity with the relevant legislation:

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012: SI 2012 No. 3032

Electrical Equipment (Safety) Regulations 2016 :

BS EN 61347-1:2015+A1:2021

BS EN 61347-2-11:2001+A1:2019

BS EN IEC 63044-3:2018

ENEC certificate No: 35-119461

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN IEC 63044-5-1:2019

BS EN IEC 63044-5-2:2019

BS EN IEC 63044-5-3:2019

Harmonic current BS EN IEC 61000-3-2:2019

Voltage flicker BS EN 61000-3-3:2013+A1:2019

EMS (Electro-Magnetic Susceptibility)

BS EN IEC 63044-5-1:2019 BS EN IEC 63044-5-2:2019 BS EN IEC 63044-5-3:2019

ESD air BS EN 61000-4-2:2009 Level 3 8KV

ESD contact BS EN 61000-4-2:2009 Level 3 4KV

RF field susceptibility BS EN 61000-4-3:2006+A2:2010 Level 3 10V/m(80MHz-1GHz

RF field susceptibility BS EN 61000-4-3:2006+A2:2010 Level 2 3V/m(1.4GHz-6GHz)

EFT bursts BS EN 61000-4-4:2012 Level 3 2KV/5KHz power port

EFT bursts BS EN 61000-4-4:2012 Level 3 1KV/5KHz signal port

Surge susceptibility BS EN 61000-4-5:2014+A1:2017 Level 3 1KV/Line-Line

Conducted susceptibility BS EN 61000-4-6:2014 Level 3 10V

Magnetic field immunity BS EN 61000-4-8:2010 Level 4 30A/m

Voltage dip, interruption BS EN IEC 61000-4-11:2020
60% dip 10 periods;30% dip 25 periods;100% dip 1period;100% interruptions 250 periods

Note:

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number GC1xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Jun. 17th, 2021

(Date)