



UKCA Declaration of Conformity



Product names:

MTCAP-868 / MTCAP-L4E1-868

Name and Address of Manufacturer:

Multi-Tech Systems, Inc.
2205 Woodale Drive
Mounds View, Minnesota 55112 USA

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of Declaration:

MTCAP -868 is an Ethernet only / LoRa IoT Gateway.

MTCAP-L4E1-868 is Ethernet and Cellular LoRa IoT Gateway
(both use the same base hardware)

The object of the declaration described above is in conformity with the relevant regulation:

Radio Equipment Regulations 2017, which includes:

2017 No 1206
2016 No 1101
2016 No 1091
2012 No 3032

The Radio Equipment Regulations 2017
The Electrical Equipment Safety Regulations 2016
The Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Hazardous Substances in Electrical
and Electronic Equipment Regulations 2012

Place: Mounds View, MN
USA

Date: August 18, 2022

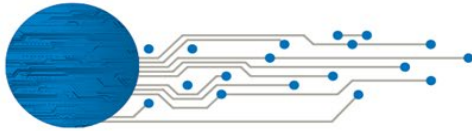
(Signature)

Tim Gunn

(Full Name)

Director of Certifications

(Position)



The conformity with the essential requirements set out in Regulations 6 of the Radio Equipment Regulations 2017 has been demonstrated against the following standards:

Regulations of Radio Equipment Regulations 2017		
Designated and Not Designated Standard reference		
Description	Health and Safety of the User	
Safety	IEC 60950-1 2 nd Edition + Am2:2013, EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN 62368-1:2014 + A11:2017	
MPE /RF Exposure	EN 62311:2008	
ROHS	EN IEC 63000:2018	
Electromagnetic Compatibility and Effective use of spectrum allocated		
Cell	Electromagnetic Compatibility	Effective use of spectrum allocated
	EN 301 489-1 V2.2.3 (General)* Draft EN 301 489-52 V1.1.2 (Cellular)*	EN 301 511 V12.5.1 (GSM)* EN 301 908-1 V13.1.1 (UMTS/LTE)* EN 301 908-2 V13.1.1 (IMT Cellular)* EN 301 908-13 V13.1.1 (IMT Cellular E-UTRA)*
LORA	EN 301 489-1 V2.2.3 (General) ## EN 301 489-3 V2.1.1 (LoRa/SRD)	EN 300 220-2 V3.2.1 (LoRa/ISM Radio) ### Method EN 300 220-1 V3.1.1
	Antenna Information	
LoRA	Internal Strip Antenna: 1dB gain	

- “*” only applies to MTCAP-L4E1-868 since it has cellular, the MTCAP-868 does not have cellular
- “##” no technical parameters have changed between V2.1.1 and V.2.2.3 per ETSI
- “###” Tested to Harmonized standard V3.1.1 with results in compliance with V3.2.1