

UKCA Declaration of Conformity



Model names:

MTCDT-L4E1 / MTCDT-L4G1
MTCDT

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: The MTCDT-L4x1-24x- 868 and MTCDT-24x-868 and MTCDT-L4x1-24x- 868.R3 and MTCDT-24x-868.R3 are LoRa IoT Gateways.

(same base board with different build options available)

The object of the declaration described above is in conformity with the relevant regulation: Radio Equipment Regulations 2017

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

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

(Signature)

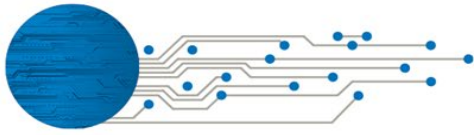
Date: Oct 31, 2022

Tim Gunn

(Full Name)

Director of Certifications

(Position)



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		
Cellular and GNSS	Electromagnetic Compatibility	Effective use of spectrum allocated
	EN 301 489-1 V2.2.3 (General) EN 301 489-19 V2.1.0 (GNSS receivers) EN 301 489-52 V1.1.2 (Cellular)	EN 303 413 V1.1.1 (GNSS) 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 From MTAC-LORA-H-868 and MTAC-003E00 and Wifi	EN 301 489-1 V2.1.1 (General) EN 301 489-3 V2.1.2 (LoRa/SRD) EN 301 489-17 V3.2.0 (WiFi/BT)	EN 300 220-2 V3.1.1 and V3.2.1(Lora/ISM) EN 300 328 V2.2.2 (2.4 GHz ISM) EN 301 893 V2.1.1 (5 GHz RLAN)
Antenna Information		
Cellular	<u>Manufacturer:</u> Wieson Technologies Co., LTD. <u>Model number:</u> Wieson P/N: GY115-Big Type Ordering P/N: GY115IE002-001 <u>Gain (dBi):</u> Maximum Peak Gain 2.06 dBi @ 0.704 GHz <u>(Description):</u> Dipole	

LoRA	Manufacturer: Pulse Model: W1063 Freq/Gain : 868-928 / 3dBi	
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