



## EC declaration of conformity

Manufacturer:  
Merope Engineering  
Marianne Philipslaan 19  
1403 GK Bussum  
The Netherlands

Declares, under sole responsibility, that the following line of products:

Product name: **Mantis DPV**  
Model Number: **K22**

Fulfills all relevant provisions of the **RED Directive 2014/53/EU**.

According the harmonized standards:

<b>ETSI EN 303 413 V1.1.1</b>	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands;
<b>ETSI EN 300 328 V2.1.1</b>	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques

Fulfills all relevant provisions of the EC EMC directive 2014/30/EU.

According the harmonized standards:

<b>EN 301 489-1 V 2.2.3</b>	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
<b>EN 301 489-17 V 3.2.0</b>	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems;
<b>EN 301 489-19 V 2.1.0</b>	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data;

Fulfills all relevant provisions of the Low voltage directive 2014/35/EU.

According the harmonized standards:

<b>EN 62368-1 (2014)</b>	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<b>EN 62311 (2008)</b>	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
<b>EN 62479 (2010)</b>	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)



Mantis

**EN 60950-1 (2006) including A1, A11, A12, A2**      **Information technology equipment - Safety - Part 1: General requirements**

Fulfills all relevant provisions of the EC RoHS directive 2011/65/EU.  
According to the harmonized standards:

**EN 50581:2012**      **Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances**

Signed by,

Name: R. van Vreden  
Function: CEO Merope Engineering

Place of issue: Bussum, The Netherlands  
Date of issue: 31-10-2020

Signature: