

Certificate Holder: Continental Automotive Systems Inc.
21440 W Lake Cook Rd.
Deer Park, IL 60010
USA

Product Manufacturer: See Certificate Holder

Product Designation: EEU11_00

Product Description: RAMSES



BNetzA-bS-02/51-52

authorized by the German Government to act as Notified Body in accordance with the RE Directive 2014/53/EU of 16 April 2014.

Conformity Assessment:

Essential requirements	Examined documentation	Result
Safety RED, Article 3.1a	Technical documentation including test report	conform
Health RED, Article 3.1a	Technical documentation including test report	conform
EMC RED, Article 3.1b	Technical documentation including test report	conform
Radio spectrum RED, Article 3.2	Technical documentation including test report	conform

EU Type Examination Certificate:

In accordance with Annex III of the European Council Directive 2014/53/EU on radio equipment, our opinion is that this equipment type complies with the essential requirements stated above.

Marking:

The product shall be marked with the CE marking as required in the Council Directive 2014/53/EU.

Annexes:

The certificate is only valid in conjunction with the following number of annexes: 1

Validity:

Conformity is provided unless changes/modifications have been done to the standard and/or assessed type of equipment.

Certificate Registration No.:

T818819N-02-TEC

CTC advanced GmbH

CE 0682



Saarbrücken

Authorized signature / title

Product Characteristics:

Hardware version: D2
Software version: E129.0

GSM / UMTS / LTE part:

Frequency band(s): GSM /GPRS/EDGE 850/900/1800/1900 / UMTS (FDD I,III,VIII)HSPA / LTE (FDD 1,3,7,8,20,28)
Power class: GSM 850/900: 4 (2W) / GSM 1800/1900: 1 (1W) / UMTS/LTE: 3 (0.25W)

GNSS part:

GPS operating frequency:	1559 – 1610 MHz (L1)	Modulation:	BPSK
Glonass operating frequency:	1559 – 1610 MHz (G1)		BPSK
Galileo operating frequency:	1559 – 1610 MHz (E1)		BOCcos, AltBOC(15,10)
BDS (Beidou) operating frequency:	1559 – 1610 MHz (B1I)		BPSK
SBAS operating frequency:	1559 – 1610 MHz (L1)		BPSK

Other characteristics:

Operating temperature -10 – 55 °C
Power supply 12.0 VDC

Conformity Assessment:

Evaluated test reports

Essential requirements	Examined documentation
Safety	EN 62368-1:2014/A11:2017 -No.: L042444L357 issued by Sporton International Inc.
Health	EN 50360:2017, EN 62311:2020, EN62209-1:2016, EN 50665:2017 -No.: EA42503-02 issued by Sporton International Inc.
EMC	EN 301 489-1 V2.2.3, Draft EN 301 489-1 V2.2.0, EN 301 489-19 V2.1.1, Draft EN 301 489-52 V1.1.0, EN 55032:2015/AC:2016 Class B, EN 55024:2010/A1:2015, -No.: EW42503-01 issued by Sporton International Inc. -No.: EC42503-01 issued by Sporton International Inc.
Radio spectrum	EN 301 511 V12.5.1, EN 301 908-1 V13.1.1, EN 301 908-2 V11.1.2, EN 301 908-13 V11.1.2, EN 303 413 V1.1.1 -No.: EG42503-01 issued by Sporton International Inc. -No.: EM42503-01 issued by Sporton International Inc. -No.: ER42503-01 issued by Sporton International Inc. -No.: EZ991807 issued by Sporton International Inc. -No.: EZ932929-01 issued by Sporton International Inc.

Miscellaneous:

TD according to the application