

Certificate Holder: B.E.A. S.A.
LIEGE Science Park,
Allée des Noisetiers 5
4031 Angleur
Belgium

Product Manufacturer: See Certificate Holder

Product Designation: LZR®-Sigma

Product Description: Sensor for people counting application



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
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.: T818404F-01-TEC

CE 0682

CTC advanced GmbH

Saarbrücken

Authorized signature / title



Product Characteristics:

Hardware version:	1.0 (with AirPrime HL8548 module) 1.0 (with AirPrime HL6528RD module)
Software version:	1.0
GSM / UMTS:	
Frequency Band(s):	EGSM 900 / DCS 1800 / WCDMA FDD I, FDD VIII with AirPrime HL8548 module EGSM 900 / DCS 1800 with AirPrime HL6528RD module
Antenna:	SMD antenna (Pulse W3544)
Temperature range:	-20 °C – +55 °C
Power supply:	22 – 57 V DC by PoE or 24 V DC by AC/DC adaptor

Conformity Assessment:

Evaluated test reports

Essential requirements	Examined documentation
Safety	EN 62368-1:2014/AC:2015/A11:2017 EN 60825-1 (Edition 3:2014) -No.: 1-5310/17-01-03 issued by CTC advanced GmbH -No.: 1991 issued by Lasermet Ltd.
EMC	Draft EN 301 489-1 V2.2.0; Draft EN 301 489-52 V1.1.0 EN 55032:2015; EN 55024:2010/A1:2015 -No.: 1-5310/17-01-04 issued by CTC advanced GmbH -No.: 1-5310/17-01-06 issued by CTC advanced GmbH -No.: AABY0065B_50 issued by CEM-EMC Laboratory (University of Liège)
Radio spectrum	EN 301 511 V12.5.1 EN 301 908-1 V11.1.1; EN 301 908-2 V11.1.2 -No.: Expert Opinion 152142604/AA/00 issued by telefication by -No.: Expert Opinion NC/18249 by TÜV SÜD BABT -No.: 1-5310/17-01-05 issued by CTC advanced GmbH -No.: ES_007355 issued by CETECOM GmbH -No.: Compliance Statement for AirPrime® Embedded Module (Model: HL8548) issued by Sierra Wireless

Miscellaneous:

TD according to the application