

# EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU

# SGS

**Certificate Number**

NB2906.2022.000251

Project Number

SZ-CERT220902511-02

**Product Model Number(s)**

EWBT1

**Brand/Trade Name**

EPOS

Product Type

EXPAND VISION 3T, EXPAND VISION 3T Core

**Manufacturer**

DSEA A/S.

Address

Kongebakken 9 DK-2765 Smørum  
Denmark

## Essential Requirements

## Results

Article 3.1(a) - Health

Conforms

Article 3.1(a) - Safety

Conforms

Article 3.1(b) - EMC

Conforms

Article 3.2 - Radio Spectrum

Conforms

## Technical Documentation:

SZ-CERT220902511-02

Based upon an examination of the Technical Documentation and supporting evidence, the above listed equipment was found to conform with those essential requirements of the Radio Equipment Directive 2014/53/EU as noted above.

This certificate is issued for only the equipment mentioned above and is subject to the conditions and restrictions listed in the Annex. This type examination certification is issued under Module B of the Radio Equipment Directive 2014/53/EU, applying the Notified Body Identification Number adjacent to the CE Marking is NOT permitted. No changes/modifications to the equipment which would require a re-assessment are allowed - any such change will invalidate this type examination certificate.

This certificate is valid for 5 years from the date of issue unless changes/modifications have been made to the applied standard(s) or assessed type of equipment.

Authorized By:

Certificate Issue Date

October 25, 2022



Sen Lv.  
NB/TCB Certifier

# NB2906



# EU TYPE EXAMINATION CERTIFICATE

## Radio Equipment Directive 2014/53/EU



### ESSENTIAL REQUIREMENTS

### APPLIED STANDARD(S)

Article 3.1(a) - Health	EN IEC 62311:2020
Article 3.1(b) - Safety	EN 62368-1:2014 + A11:2017
Article 3.1(b) - EMC	EN 55032:2015+A11:2020, EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021 EN 301 489-1 V2.2.3, EN 301 489-3 V2.1.1, EN 301 489-17 V3.2.4
Article 3.2 - Spectrum	EN 300 328 V2.2.2, EN 301 893 V2.1.1, EN 300 440 V2.2.1

### PRODUCT TECHNICAL DETAILS

Model Number(s)	EWBT1
HW Version:	2.7
SW Version:	Android 9

### EQUIPMENT DETAIL

Radio	Frequency range (MHz)	Antenna Type	Modulation	Transmit Power
1	2402-2480	Note 1	GFSK	9.97dBm
2	2402-2480	Note 1	GFSK, p/4DQPSK, 8DPSK	9.89dBm
3	2412-2472	Note 2	DSSS, OFDM	19.59dBm
4	5180-5700	Note 3	OFDM	18.96Bm
5	5745-5825	Note 3	OFDM	13.38dBm

- Notes
- 1) FPC Antenna, 2.98dBi
  - 2) FPC Antenna, Antenna1 &Antenna2: 2.98dBi
  - 3) FPC Antenna, Antenna1 &Antenna2: 3.50dBi

### CONDITIONS/RESTRICTIONS

The following conditions and restrictions apply:

- 1) Band 5150-5350MHz for this device is restricted to indoor use only.