

# UK TYPE EXAMINATION CERTIFICATE

Radio Equipment Regulations 2017 (as amended)



**Certificate Number** AB2906.2022.000056  
Project Number SZ-CERT220902511-01

**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

Regulation 6.1 (a) – Health  
Regulation 6.1 (a) – Safety  
Regulation 6.1(b) – EMC  
Regulation 6.2 – Radio Spectrum

## Results

Conforms  
Conforms  
Conforms  
Conforms

## Technical Documentation:

SZ-CERT220902511-01

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 Regulation 2017 (SI 2017/1206) 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 Schedule B of the Radio Equipment Regulation 2017 (SI 2017/1206), applying the Approved Body Identification Number adjacent to the UKCA 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 assesses type of equipment.

# AB2906

Authorized By:

Certificate Issue Date  
October 21, 2022

Sen Lv.  
NB/TCB Certifier



# UK TYPE EXAMINATION CERTIFICATE

## Radio Equipment Regulations 2017 (as amended)



### ESSENTIAL REQUIREMENTS

Regulation 6.1 (a) – Health  
Regulation 6.1 (a) – Safety  
Regulation 6.1(b) – EMC

Regulation 6.2 – Spectrum

### APPLIED STANDARD(S)

EN IEC 62311:2020  
EN 62368-1:2014 + A11:2017  
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  
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.