



## Model Numbers: W3M-BST-GSM-U, W3M-BST-STD-U, W3-BST-GSM-U, W3-BST-STD-U

### Device Parameters

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| <b>Dimensions (mm) HxWxD:</b> | 235 x 161 x 128 (excl. Antenna 81mm and USB 15mm)    |
| <b>Weight:</b>                | 1.5kg                                                |
| <b>Operating temperature:</b> | -25°C to +70°C                                       |
| <b>Humidity:</b>              | Relative humidity >95% non-condensing (25°C to 55°C) |
| <b>Conformance:</b>           | EN54-18; EN54-25                                     |

### Supply Parameters

|                                 |                                |
|---------------------------------|--------------------------------|
| <b>Operating voltage range:</b> | 4.4-6.4V from internal battery |
| <b>Power:</b>                   | 620µW average                  |
| <b>Current consumption:</b>     | 120µA average                  |
| <b>Battery type:</b>            | Alkaline primary cells, 23Ah   |

### RF Parameters

|                             |                  |
|-----------------------------|------------------|
| <b>Operating frequency:</b> | 868.2MHz         |
| <b>Transmit power:</b>      | 25mW max         |
| <b>Duty cycle:</b>          | <1%              |
| <b>Encryption:</b>          | None             |
| <b>Channel spacing:</b>     | Single channel   |
| <b>Compatible with:</b>     | Other WES3 units |
| <b>Protocol:</b>            | Proprietary      |

The Radio Frequency (RF) range complies with the Phase II EGSM 900/DCS 1800 recommendation. The frequency range for the transmit band and the receive band are listed in the table below:

|                  | <b>Transmit Band (Tx)</b> | <b>Receive Band</b> | <b>Power</b>                   |
|------------------|---------------------------|---------------------|--------------------------------|
| <b>E-GSM 900</b> | 880 to 915 MHz            | 925 to 960 MHz      | 2 Watts EGSM 900 radio section |
| <b>DCS 1800</b>  | 1710 to 1785 MHz          | 1805 to 1680 MHz    | 1 Watt GSM1800 radio section   |