



CONNECT Technical Data

Model Numbers: W3-WES-CON-U

Device Parameters

Dimensions (mm) HxWxD:	235 x 161 x 128 (excl. antenna 81mm and USB 15mm)
Weight:	1.5kg
Operating temperature:	-25°C to +70°C
Humidity:	Relative humidity >95% non-condensing (25°C to 55°C)

Supply Parameters

Operating voltage range:	4.4-6.4V from internal battery
Power:	620µW average
Current consumption:	120µA average
Battery type:	Alkaline primary cells, 15.2Ah

RF Parameters

Operating frequency:	916.5MHz
Transmit power:	25mW max
Duty cycle:	<1%
Encryption:	None
Channel spacing:	Single channel
Compatible with:	Other WES ³ units
Protocol:	Proprietary

The Radio Frequency (RF) range complies with the LTE Cat 1 (10 Mb/s DL, 5 Mb/s UL) 3GPP Release 9 FDD bands: 2,4,5,12 and the UMTS HSDPA category 8, HSUPA category 6 Bands: 2, 5. The frequency range for the transmit band and the receive band are listed in the table below:

	Transmit Band (Tx)	Receive Band	Power
LTE FDD Band 2	1850 to 1910 MHz	1930 to 1990 MHz	Power Class 3 (23 dBm)
LTE FDD Band 4	1710 to 1755 MHz	2110 to 2155 MHz	Power Class 3 (23 dBm)
LTE FDD Band 5	824 to 849 MHz	869 to 894 MHz	Power Class 3 (23 dBm)
LTE FDD Band 12	699 to 716 MHz	729 to 746 MHz	Power Class 3 (23 dBm)
UMTS FDD Band 2	1850 to 1910 MHz	1930 to 1990 MHz	Power Class 3 (24 dBm)
UMTS FDD Band 5	824 to 849 MHz	869 to 894 MHz	Power Class 3 (24 dBm)