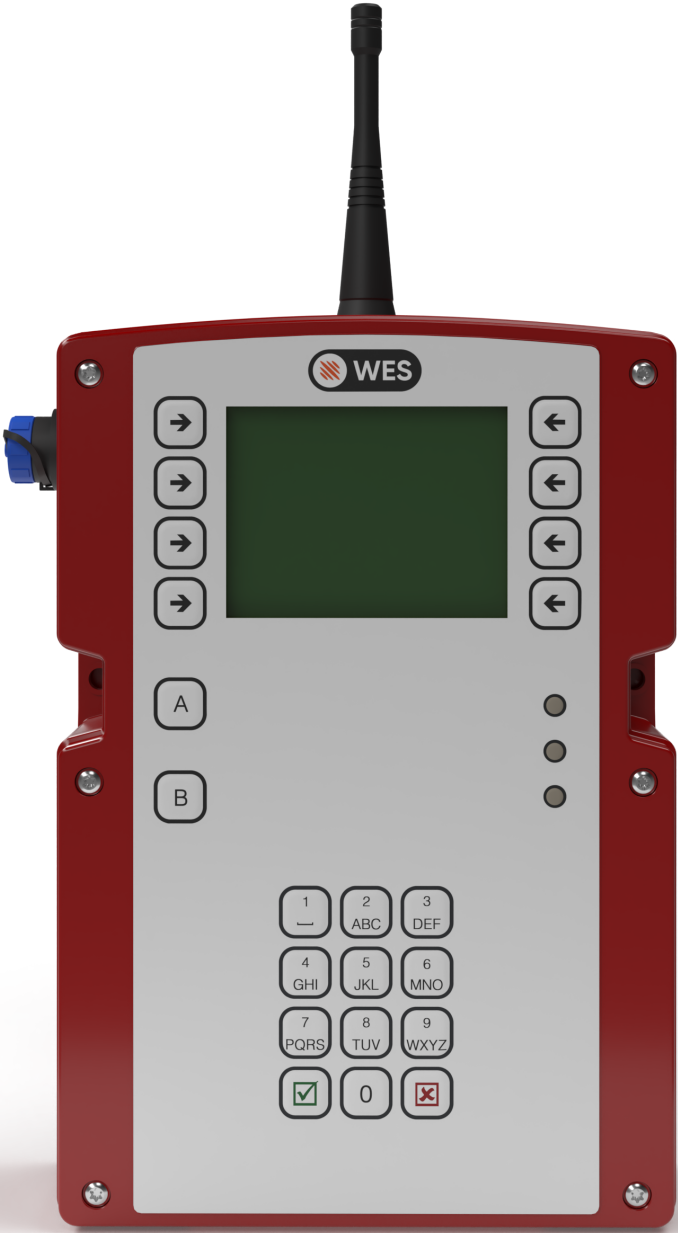




RAMTECHGLOBAL.COM

Model Numbers: W3-CON-U-R

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)
Conformance:	EN54-18; EN54-25

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:	868.2MHz
Transmit power:	25mW max
Duty cycle:	<1%
Compatible with:	Other WES3 units
Protocol:	Proprietary

The Radio Frequency (RF) range complies with the Phase II EGSM 900/DCS 1800 recommendation and LTE Cat 1 3GPP Release 9 FDD bands 3, 7, and 20. The frequency range for the transmit band and the receive band are listed in the table below:

	Transmit Band (Tx)	Receive Band	Power
E-GSM 900	880 to 915 MHz	925 to 960 MHz	GSM/GPRS Power Class 4 (33 dBm)
EDGE (8-PSK) Power Class E2 (27 dBm)			
DCS 1800	1710 to 1755 MHz	1805 to 1880 MHz	GSM/GPRS Power Class 1 (30 dBm)
EDGE (8-PSK) Power Class E2 (26 dBm)			
LTE FDD Band 3	1710 to 1755 MHz	1805 to 1880 MHz	Power Class 3 (23 dBm)
LTE FDD Band 7	2500 to 2570 MHz	2620 to 2690 MHz	Power Class 3 (23 dBm)
LTE FDD Band 20	832 to 862 MHz	791 to 821 MHz	Power Class 3 (23 dBm)