



Opera XR

TECHNICAL SPECIFICATIONS

N° of channels	2
Central Frequencies	Dual 200 MHz and 900 MHz
Inspection Range	80 MHz – 1500 MHz
Technology	EsT – Equalized scrambled Technology (Patented Technology)
Dimension (folded for transport)	750x625x420 mm 30x25x17 in
Dimension (in use)	750x625x1000 mm 30x25x40 in
Weight	20kg 44 lbs
Operating Temperature	-20 °C to +50 °C -4 °F to 122 °F IEC 60068 2-1/2
Vibration	Compliant with IEC 60068-2-64:2012
Shock	Compliant with IEC 60068-2-31:2011
Certification	CE, UKCA, FCC, IC
Polarization	Configuration: HH and VV
Positioning	Encoder, external GPS and TPS
Power Consumption	Acquisition: 16W Stand-by: 12W
Operating Time	4 h with #1 battery 8 h with #2 battery Operating time can be extended by hot swap capability
Wheels	4xØ310 mm (default) - 4xØ380 mm (optional) 4xØ12 in (default) - 4xØ15 in (optional)
Environmental	IP65

SOFTWARE SPECIFICATIONS

uMap – Data collection software	Automatic calibration for an easy and quick start-up Visualization and storage of radar data Real-time visualization of radar tomography (time slices) Import of cartography of the surveyed area from different sources for visualising geo-referenced underground asset position in real time. Connection with NMEA positioning device Multilanguage support Metric and Imperial units Export, store, share and access data on major Cloud service providers for a streamlined workflow in utility detection On site target marking Automatic report generation
IQMaps – Processing Software	Advanced 3D processing software with a direct export link to AutoCAD Export, store, share and access data on major Cloud service providers for a streamlined workflow in utility detection
Recommended Tablet	Panasonic FZ-G2

