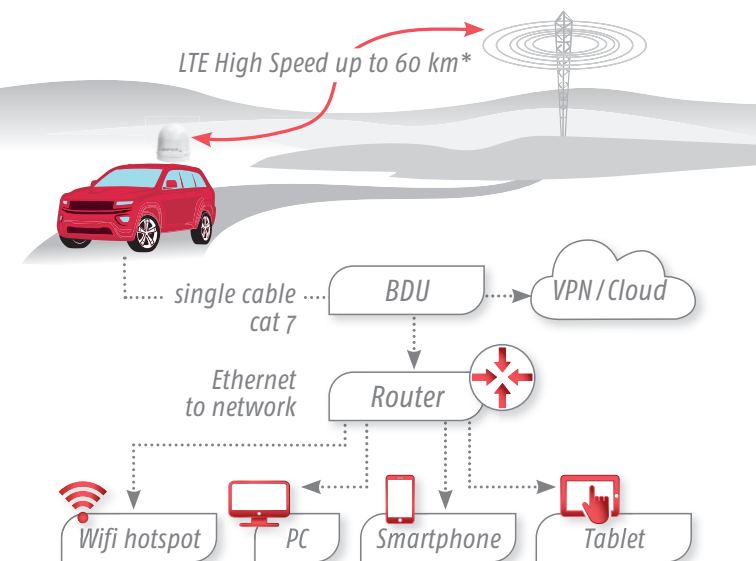




# Long Range Mobile Communication



(\* depends on operator)



# Specification Landmobile Terminal

LM 150 | LM 300 | LM 1200

SYSTEM TYPE	LTE (4G) -3G high performance Internet Terminal incl. Antennas, Modem, Router and Firewall
Sub-Systems	Outdoor-Unit (ODU) and Below-Deck-Unit (BDU)
Connection	Single CAT 6+ between ODU and BDU

ODU	
Antennas	Diversity and MIMO Antenna System, Ultra-Wide-Band antenna with RADAR Reflector Frequency range: 0.1 GHz ... 12 GHz
SIM	in ODU
Weight	3.00 kg
Mounting	4 x M8 stainless steel screws OR 4 x magnetic mount á 25 kg
Size	Diameter 230 mm x Height 200 mm
Connection to BDU	CAT 6+ / CAT 7 Ethernet Cable
Maximum cable length	25 m
Power supply	Phantom type, through cable
Power consumption	4 W during operation; 6 W peak during power-up / LM 1200 12 W / 15 W
Operational ambient temperature	-35°C ... +55°C
Maximum permanent acceleration load	2 g (linear vibration)
Maximum peak acceleration load	25 g (single shock)

BDU	
Size	170 mm x 125 mm x 30 mm
Weight	500 g
Operational ambient temperature	-25°C ... +45°C
Power consumption	4 W during operation; 6 W peak during power-up
Connections	Ethernet 1000 Base-T (2x) DC 12 ... 26 V Ground
Power supply	DC 24 V   wallmount