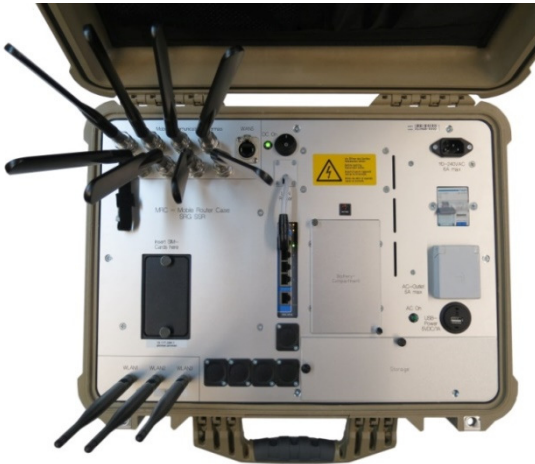


MRC – Mobile Router Case

The MRC – Mobile Router Case is a lightweight and robust case for mobile internet or corporate LAN via a VIPRINET Multichannel VPN Router 520 – Ideal for mobile streaming applications or simple internet access. All necessary parts are integrated like the battery supported power supply, n-WLAN, Ethernet LAN-Switch, USB-Power Output and a fused loop through AC-Power output.

Viprinet multichannel VPN routers are well known for their reliable and failsafe operation based on the bonding of different communication channels. Today's available LTE-Technology provides a high data capacity via mobile networks and the MRC ensures a high data throughput. The included Viprinet router is accessible via a user friendly website.



List of Delivery:

- Mobile Router Case configured and tested
- 4x SIM Adapter Set (nano -> micro, nano -> SIM, micro ->SIM)
- Kfz Adapter Cable to charge the battery
- 2x RP-SMA Antennas for W-LAN
- 8x SMA Antennas for mobile communication

Remarks:

- Fuse/RCD protected Power Supply with AC input mains filter
- Please refer also to Viprinet Datasheet of Multichannel VPN Router 520

Technical Details

Dimensions / Weight	Case 485x392x192mm, 11kg
Power Consumption	Max.90W (100-240VAC, 50-60Hz)
Battery	LiFePo Battery 12V / 6,6Ah with fast Charger
Mobile Communication Frequency Range	LTE-FDD Band 1/2/3/4/5/7/12/13/20/25/26/29/30(2100/1900/1800/1700/850/2600/700ac/700c/ 800DD/1900/US 850/US 700de/2300 MHz) LTE-TDD Band 41 (2500 MHz) HSPA+/UMTS Band 1/2/3/4/5/8 (2100/1900/1800/1700/850/900 MHz)
W-LAN Access Point	2,5 & 5GHz Dual Band 802.11 a/b/g/n/ac 2x2 MIMO
LAN Interface	5 Port 10/100Mbit/s Ethernet Switch
WAN-Interface	1x Fast Ethernet, 4x 4.5G LTE-A Europe/Americas
SIM Interface	4x Standard SIM Card Holders
Total Bonding Capacity	100Mbit/s
Supply Voltages for Charging and Operation	AC Power Input 100-230VAC (Connector CEE 7/4) DC Power Input (XLR 4pole NC4MDL1)
Supply Outputs	AC Power Outlet 230VAC / 6A max (Connector Type 13) USB Power Output +5V/1A max

MAC1 – Mobile Antenna Case 1

The MAC1 – Mobile Antenna Case 1 is a lightweight and robust case with high gain omnidirectional and directional mobile communication antennas for LTE / UMTS which ensure high data throughput over mobile communication networks. The Mobile Antenna Case is an ideal extension for the MRC – Mobile Router Case to get stable and reliable connections – especially on busy places or rural regions.

For easy transportation the case is equipped with roles and handle. Beyond that it serves as a stable pedestal for the antenna platform. The antennas provide a 5m low loss coax cable with N-Connectors for easy and fast connection to the router.

List of Delivery:

- Mobile Antenna Case assembled and tested
- 4x Omnidirectional Antennas
- 2x Directional Antennas
- 1x Magnet Foot



Technical Details

Dimensions / Weight	Case 795x518x394mm, 21kg
Omnidirectional Antennas	4,9dBi@790-960MHz / 6,3dBi@1710-2170MHz / 6,2dBi@2500-2700MHz
Directional Antennas	8,3dBi@650-960MHz / 9,3dBi@1710-2170MHz / 8,2dBi@2500-2700MHz
Mobile Communication Standards	LTE: 800/900/1800/2100/2600 MHz UMTS/WCDMA/HSPA(+): 900/1900/2100 MHz GSM/GPRS/EDGE: 900/1800/1900 MHz
Antenna Connectors	N-Connectors 50Ohm with 5m low loss coax cable

MAC2 – Mobile Antenna Case 2

The MAC2 – Mobile Antenna Case 2 is a lightweight and robust case with high gain directional mobile communication antennas for LTE / UMTS which ensure high data throughput over mobile communication networks. The Mobile Antenna Case is an ideal extension for the MRC – Mobile Router Case to get stable and reliable connections – especially on busy places or rural regions.

For easy transportation the case is equipped with roles and handle. Beyond that it serves as a stable pedestal for the antenna platform. The antennas provide a 5m low loss coax cable with N-Connectors for easy and fast connection to the router.

List of Delivery:

- Mobile Antenna Case assembled and tested
- 4x Directional Antennas
- 1x Magnet Foot



Technical Details

Dimensions / Weight	Case 629x497x353mm, 19kg
Directional Antennas	8,3dBi@650-960MHz / 9,3dBi@1710-2170MHz / 8,2dBi@2500-2700MHz
Mobile Communication Standards	LTE: 800/900/1800/2100/2600 MHz UMTS/WCDMA/HSPA(+): 900/1900/2100 MHz GSM/GPRS/EDGE: 900/1800/1900 MHz
Antenna Connectors	N-Connectors 50Ohm with 5m low loss coax cable

System Key Features MRC/MAC

- Lightweight Mobile Router case for internet access and streaming applications
- Battery supported power supply for mains independent operation
- Easy transportable cases
- High Gain mobile communication antennas for reliable data throughput

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