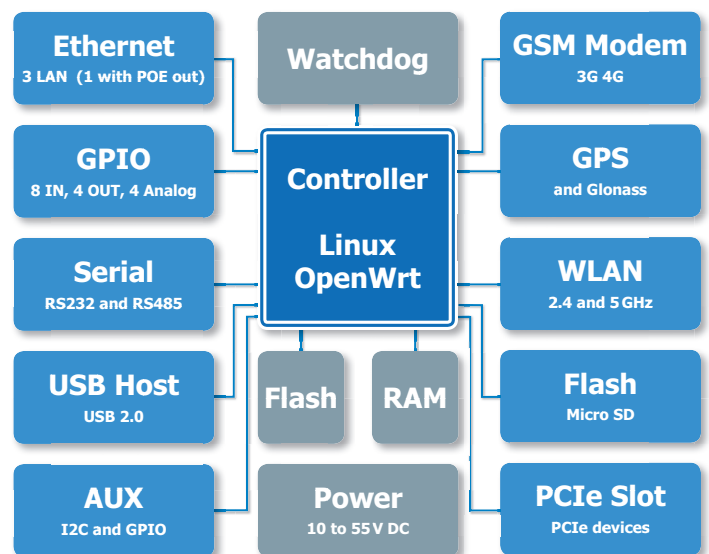


# MC PMRL mobile Router

## Programmable 4G mobile Router



### Your benefits at a glance:

- Industrial mobile LTE router
- High transmission rates up to 50 Mbps uplink and 100 Mbps downlink
- **OpenWrt Linux distribution, programmable** for additional customer applications
- **Wireless LAN** access point 802.11 a/b/g/n
- High security of data transmission by means of IPsec or OpenVPN tunnel and integrated firewall
- Simple and identical configuration of router family via the integrated web Server or XML file
- Sending and receiving IO status, email, SMS and router status using XML files
- **Sending alerts via SMS and email**
- Logbook for recording device-specific events
- **GPIO interfaces** with digital outputs, digital and analogue inputs
- **RS232 and RS485 interfaces** for transparent communication over IP
- Prepared for external router extensions (AUX).
- Complete package including: Ethernet cable, antenna and DIN rail holder

# MC PMRL mobile Router

Product	MC PMRL
	MC1214975
<b>General</b>	
Typ	Mobile LTE/HSPA+/UMTS/EDGE/GPRS-Router
Dimensions (W x H x D) in mm	44 x 105 x 135
Supply voltage	10 to 55 VDC
Operation temperature	-25 °C to +70 °C
Storage temperature	-40 °C to +85 °C
Housing	Aluminium
Mounting	Tabletop / DIN rail
<b>Mobile</b>	
Data Transmission in the GSM network	LTE: FDD Band 1,2,3,5,7,8,20, all bands with diversity HSDPA/HSUPA/HSPA+: Band 1,2,5,8, all bands with diversity GSM/GPRS/EDGE: 850/900/1800/1900 MHz
Transmission rates LTE	up to 50 Mbps uplink and 100 Mbps downlink
Transmission rates DC-HSPA+	up to 5.76 Mbps uplink and 43.2 Mbps downlink
Transmission rates HSPA+	up to 5.76 Mbps uplink and 21.6 Mbps downlink
Transmission rates EDGE	up to 236.8 kbps uplink and 236.8 kbps downlink
Transmission rates GPRS	up to 85.6 kbps uplink and 85.6 kbps downlink
GSM Antenna connections MIMO	yes, SMA
Wifi connections	yes, 2x SMA
<b>Router</b>	
Protocols / Services	DHCP-Server, HTTP-Server, NAT, Firewall, SMS, OpenVPN, IPSec, DynDNS, NTP
VPN	Secure data encryption with IPSec and OpenVPN (incl. X.509 support)
Connections	3 x Ethernet 10/100 MBit/s
<b>Interfaces</b>	
USB	USB 2.0 Typ A
IO	4x analog in (2x 0-10V and 2x 4-20mA) / 8x digital in / 4x digital out
RS232	terminal block
RS485	terminal block
Power	terminal block
<b>Other properties</b>	
Configurations	Configuration and firmware update via Webinterface, USB-Stick, Remote
<b>Delivery</b>	
Power supply	no power supply included
DIN rail adapter	yes
Antenna	1 x Omni-directional GSM / UMTS / 3G / LTE antenna type MC0114531-A
Ethernet cable	yes, 1m
Plugs	GPIO, Power, Serial plug