

# Funktionsübersicht

	MC LR Client	MC LR(S) Server	MC LR-4 Client	MC MRH HSPA+	MC MRL LTE	MC MRH-4 HSPA+	MC MRL-4 LTE	MC PMRL LTE
<b>NETWORK TECHNOLOGY</b>								
GPRS/EDGE (mobile)				X	X	X	X	X
UMTS/HSPA+ (mobile)				X	X	X	X	X
LTE (mobile)					X		X	X
WAN	X	X	X					X
WLAN								X
<b>COMMUNICATION INTERFACES AND EXPANSIONS</b>								
Ethernet 10/100 1 LAN Port plus 1 WAN Port	X	X						
Ethernet 10/100 3 Port Switch plus 1 WAN Port			X					
Ethernet 10/100 3 Port Switch/VLAN								X
Ethernet 10/100 2 Port Switch				X	X			
Ethernet 10/100 4 Port Switch			X			X	X	
WLAN to IEEE 802.11n., 802.11bg 150 Mbit/s								X
USB Host	X	X	X	X	X	X	X	X
RS232	optional			optional	optional			X
RS485	optional			optional	optional			X
GPIOs (1x IN/1x OUT)	X	X	X	X	X	X	X	X
GPIOs (4x analog IN/8x digital IN/4x digital OUT (SSR))								X
GPS Receiver				optional	optional	optional	optional	optional
<b>DESIGN, DIMENSIONS, SIM, ENVIROMENTAL</b>								
Metal Housing (44x105x84 mm)	X	X	X	X	X	X	X	
Metal Housing (44x105x124 mm)								X
1 x SIM Card								X
2 x SIM Card				X	X	X	X	
Antenna RX Diversity/MIMO				X	X	X	X	X
Power Supply: 8V–30VDC	X	X		X	X			
Power Supply: 10V–55VDC			X			X	X	X
Power over Ethernet (PSE)								1 Port
Operating temperature: -25°C to +70°C	X	X	X	X	X	X	X	X
Storage temperature: -40°C to +85°C	X	X	X	X	X	X	X	X
Relative humidity: 5% TO 95% (non-condensing)	X	X	X	X	X	X	X	X
DIN Holder TS35/TS32	X	X	X	X	X	X	X	X
<b>FUNCTIONS</b>								
Linux OpenWRT (programmable)								X
Linux	X	X	X	X	X	X	X	
SSH	X	X	X	X	X	X	X	X
IPsec (DES, 3DES, AES, MD5, SHA-1, DH2, DH5)	X	X	X	X	X	X	X	X
OpenVPN Server		X						
OpenVPN Client	X	X	X	X	X	X	X	X
Authentication (X509, certificate, pre-shared key, password)	X	X	X	X	X	X	X	X
Firewall	X	X	X	X	X	X	X	X
Local HTTP/HTTPS	X	X	X	X	X	X	X	X
SNMPv1/v2	X	X	X	X	X	X	X	X
DHCP Server/Client	X	X	X	X	X	X	X	X
DynDNS	X	X	X	X	X	X	X	X
NTP Server, NTP Client	X	X	X	X	X	X	X	X
E-Mail: SMTP/SMTPTS	X	X	X	X	X	X	X	X
SMS Control & Gateway				X	X	X	X	X
Remote configuration and firmware update	X	X	X	X	X	X	X	X

MC Technologies GmbH, Kabelkamp 2, D-30179 Hannover  
Tel. +49 511 67 69 99 - 128, router@mc-technologies.net

