

MP-NeT-32C



System

Power Supply	9 ~ 36V DC
Power Adaptor	24V,72W power adaptor (optional)
Consumption, peak	40W
System Weight	1,2Kg
Dimension (W x H x D)	217.5 x 45 x 155 mm (8.56" x 1.77" x 5.83")
Safety	CE, FCC class B , E-Mark, E1-Cert

Interfaces

Serial Port	1 x RS232/422/485, RI/5V/12V selectable)
LAN	1 x 10/100/1000 LAN
WAN	1 x 10/100/1000 WAN
USB	2 x USB2.0 interface for WAN module connection
Cellular Data	2 UMTS (LTE on request)
802.11abgn WiFi	2 x FAKRA Z
GPS	1 x FAKRA Z (on demand)
SIM Card Slots	2 x SIM slots
RF Connectors	4 x FAKRA Z for 3G/4G cellular antennas

Environment

Operation Temp.	-20 ~ 70°C,
Storage Temp.	-20°C~70°C
Humidity	20%~90%
Anti-Vibration	IEC60068-2-64Fh
Enclosure Mounting	Wall mount

Status Indicators

Power	yes
Ethernet LAN link	yes
Ethernet WAN link	yes
Enclosure Mounting	yes



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Protocol

Layer 2 switching

- Spanning Tree Protocol
- IGMP & MLD snooping
- VLAN – max. 4049 port / IEEE 802.1Q
- sFlow

Layer 3 services

- ARP, UDP helper, DHCP (Server/Client/Relay), QoS

Layer 3 routing

- Static Ipv4 Routing, RIPv1 & RIPv2, BGP-4, OSPF

Security

- ACL, NAT, SSHv1 & SSHv2, VPN

Convergence

- IGMP, PIM, MSDP, MBGP

Device Management

- Browser-based Administration GUI
- Browser supported: IE, Firefox, Safari, Chrome

Logging

- Syslog
- SNMPv1, SNMPv2

WAN Modules

- 3G/UMTS Module, LTE on demand
- UMTS / HSPA / HSPA+ & 1920-2160 Mhz
- Sim slot, push from external at frontside of module
- Connection On Demand, Connection when available, Auto APN, UMTS Bonding
- Cellular External Antenna: FAKRA Z Connector

WLAN Module

- WLAN IEEE 802.11 a/b/g/n – 2,4 & 5 GHz
- Security: WPA2/WPA/AES/TKIP, WPA/WPA2 PSK mode, none, /64/128 bits, WEP Encryption, MAC filter, open system key authentication, SSID, Broadcast Disable
- WPS: Yes, PBC Type