

MC Technologies PLS8-E Terminal

Pentaband 4G Industrial Gateway Supply voltage range 10-60V



General features:

- Cinterion® PLS8-E embedded
- Pentaband LTE: 800/900/1800/2100/2600 MHz; FDD-Band (20,8,3,7,1); Triband UMTS (WCDMA): 900/1800/2100 MHz; FDD-Band (8,3,1); Dualband GSM/GPRS/EDGE: 900/1800 MHz
- LTE (FDD 3GPP Release 9, 2x2 DL-MIMO)
- UMTS/HSPA (FDD) 3GPP Release 8 Rx diversity
- GSM/GPRS/EDGE 3GPP Release 6 DARP/SAIC
- SIM Application Toolkit, 3GPP release 99
- Control via AT commands (Hayes, TS 27.007, TS 27.005)
- Fully integrated GPS/GLONASS solution (Qualcomm gpsOne Gen8A)
- **Supply voltage range 10 - 60V**
- Operational temperature range: -30 °C to +75 °C
- Dimensions: 65x74x33 mm
- Weight: approx. 110g

Specifications:

- LTE Cat. 3: DL: max. 100 Mbps, UL: max. 50 Mbps, 2x2 DL MIMO
- HSPA+: DL Cat.24 / UL Cat. 6, Dual Carrier DL: max. 42 Mbps, UL: max. 5.76 Mbps
- EDGE Class 12 data rates: DL: max. 237 kbps, UL: max. 237 kbps
- GPRS Class 12 data rates: DL: max. 85.6 kbps, UL: max. 85.6 kbps
- Supplementary services & USSD support
- SMS text and PDU mode

Special features:

- USB interface supports multiple composite modes and a Linux-/Mac- compliant mode
- Firmware update via USB
- BIP (Bearer Independent Protocol)
- IP services (Client & server, TCP/IP & UDP, transparent & nontransparent)
- Multiplexer according to 3GPP TS 27.010

Interfaces:

- Power connector 6-pole Western jack
- Mini SIM card reader, 1,8V and 3,0V
- Antenna connector SMA (female)
- Antenna connector FME (male)
- USB 2.0 HS interface up to 480 Mbps
- V.24/ V.28 RS-232 interface (D-sub 9-pole female socket) 920kbps, auto bauding

GNSS features:

- Standalone GPS and GLONASS
- GNSS dedicated AT commands
- A/GPS support: standalone, XTRA®, CP E911
- Protocol: NMEA-0183 V2.3
- Option for temporary NMEA stream buffering
- Tracking Sensitivity: better than -158 dBm

Drivers:

- NDIS/USB driver for Microsoft® Windows Mobile™, Windows Vista™, Windows 7™ and Windows 8™
- USB driver for Microsoft® Windows Embedded Compact™
- RIL driver for devices based on Android OS™
- CDC-ACM compliant mode for Linux

Approvals:

- R&TTE, CE
- WEEE, EuP, RoHS and REACH compliant

MC Technologies PLS8-E Terminal und Zubehör

Artikelbezeichnung	Artikel-Nr.
PLS8-E Terminal - Made by MC Technologies -	MC1213695-TERM
PLS8-E GPS Terminal - Made by MC Technologies -	MC1213695-TERM-GPS
Netzteil incl. Anschlußleitung / EU-Stecker - auch mit UK- oder US-Stecker lieferbar	MC1213114-45-EU
Stromkabel / offenes Ende, 6-adrig, ca. 1,5m	MC1213115
12-24V KFZ-Adapter, 1,5m Kabel	MC1213116
Datenkabel 1,8m, 9pol. Stecker - 9pol. Buchse	MC1213226
USB-Standardkabel A/B, 1m	MC1213229-1
USB-Standardkabel A/B, 1,8m	MC1213229-2
12V Akkupack	MC1213152
Hutschienen-Halterung inkl. 2 Befestigungsschrauben	Mounting Kit TC/MC



Netzteil



12V Akkupack



USB-Standardkabel



Hutschienen-Halterung (mit Terminal)