

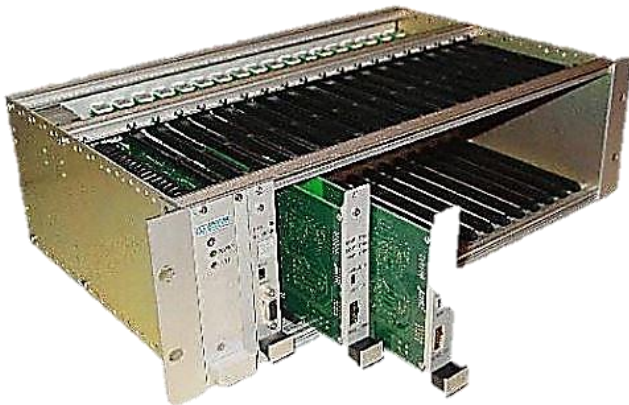
Proxima GSM 19 inch Rack

Designed by Bausch Datacom!

Industrial GSM/GPRS Rack

GSM/GPRS 19 inch Rack

Bausch Datacom has developed a 19" GSM modem rack system based on the Proxima and Indubox modem technology. High performance and reliability are the key features of this modem technology. The development of GSM/GPRS Indubox Modems for the electricity market is our core business. The Proxima GSM 19 inch rack system consists of max. 10 GSM modem rackcards, a 19" rack including power-supply, Antenna combiner, Antenna and a Terminal Server system for SNMP management. The typical application is a GSM dial-out (CSD data) concentrator for connecting GSM or PSTN modems in the field. The modems can be managed by a Digi Ethernet terminal server system using the SNMP protocol.



Product Highlights

- GSM CSD-data
- GPRS
- 19" Rack
- SNMP Management by Digi terminal server

Typical Applications

- Dial-Out application modem concentrator

BAUSCH DATACOM

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DinBox GSM M4 specifications

The Proxima GSM 19" rack system consists of max. 10 GSM modem rackcards, a 19" rack including power-supply, Antenna combiner, Antenna and a Terminal Server system for SNMP management.

GSM/GPRS 19 inch Rack

- Power supply:
 - 88 ~ 264VAC 125 ~ 373VDC
(Withstand 300VAC surge for 5sec. without damage)
 - 47 ~ 63Hz
- Physical Characteristics:
 - 19" Eurorack with backplane
 - 1 to 10 GSM rack modem cards
 - Height: 132 mm
 - Width: 480 mm
 - Depth 280 mm
 - Weight: Approx. 7 kg with 10 modems
 - Power and serial cables inc.
- Environmental requirements:
 - Temperature: Operating 0°C-40°C
Non-operating: - 20°C-80°C
 - Humidity: 20% to 50% (non condensing)

GSM/GPRS Antenna

- Connector: N-Female
- Gain: 9 dBi
- Max Power: 50Watt
- VSWR: < 2.0 Typical
- Impedance: 50 Ω
- Fixation: brace for wall
- Dimensions: 820mmxDiameterx16/19mm
- Temperature range: -35°C - 80°C
- Frequency: 800MHz LTE Low/868MHz Div/900MHz GSM/GPRS/ 1800MHz GSM/GPRS/ 2100MHzUMTS 2600MHz LTE High
- Antenna collector 10 to 1 port (1antenna for 10 GSM cards)

GSM/GPRS Rack Card

- 19" eurocard format
- Based on Sierra Wireless Q24PL module with ARM7 processor
- Quad-band 850/900/1800/1900 MHz : worldwide operation
- GSM: CSD data
- Communication protocol: GPRS Class 10
- Open AT IDE: Open AT firmware version 6.57d
- Maximum power output: 2 W @ 900 MHz / 1 W @ 1800 MHz
- Circuit-switched 14.4 Kbps data and Group 3 FAX
- SMS support
- AT-command set support: more info, see manual below
- Asynchronous data up to 115.200 bps
- Flow control (RTS/CTS – XON/XOFF) and speed buffering

Terminal Server Management

- Dual IPv4/IPv6 stack
- SNMP management
- 8 or 16 serial ports with Tx/Rx LEDs
- Patented RealPort® technology for COM/TTY port control/ management
- SSL/TLS and SSHv2 for added security
- Easy configuration and management through web browser or CLI

Certification

- CE

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