



MPC-214

Wireless Multi-Protocol Gateway



Features

- Quad Band GSM Edge Modem (850/900/1800/1900MHz)
- Virtual Com extend for serial access over GPRS
- Serial port selection between RS-232C, RS-422 or RS-485 (4 & 2 wire)
- Automatic or SMS triggered GPRS connection
- Power supply 12 to 24VDC
- Windows drivers for Virtual Com & TCP Server
- DIN-Rail mountable

Introduction

MPC-214 is an intelligent serial to GPRS gateway for M2M applications. In combination with special drivers on a remote PC, it can establish a link between PC software and remote RS-485 devices over GPRS. Legacy serial equipment can be connected over a GSM/GPRS network to software systems with serial connectivity. According to user configuration, MPC-214 connects to a fixed IP upon start up or after the receipt of an inquiry via SMS. It can thus provide a protocol independent serial link to the attached serial slave device(s) over TCP/IP.

Serial Port operation modes

- RS-232C, single device.
- RS-422, single device.
- 4 wire RS-485, multiple devices.
- 2 wire RS-485, multiple devices.

RoHS Compliant
Directive 2002/95/EC



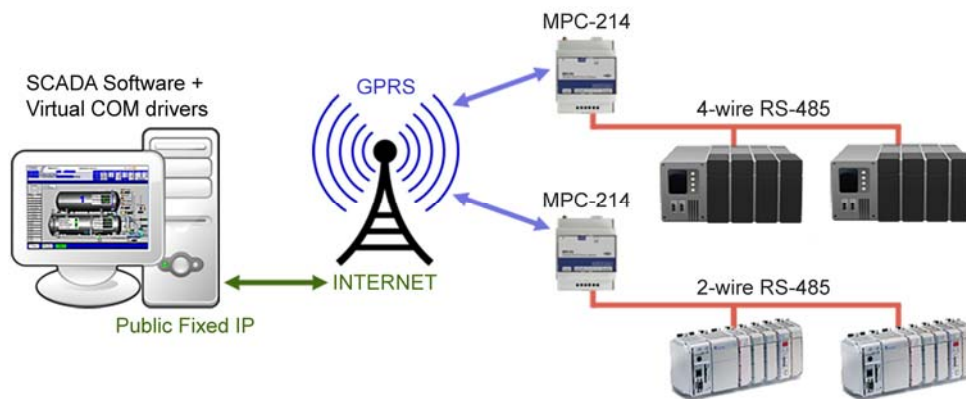
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Specifications

Power supply	9..24 VDC, 26VDC max
Rated current (EGPRS)	200mA at 12V, Peak: 0.52 100mA at 24V, Peak: 0.26
MODEM	Sierra Wireless Quad Band GSM/EGPRS (850/900/1800/1900MHz)
Serial port	RS-232C RS-422/RS485, 4-wire RS-485, 2 wire
Baud rate	300-115200 bps
Operation modes	GPRS Auto-Connect GPRS SMS-Connect
Configuration	ASCII Commands 3 DIP Switches: Termination (T/R), RUN/SETUP/TRACE
Indications	Status LED
Temperature	-30° ... 65° C, operating
Dimensions	71 x 90 x 58 mm
Installation	DIN-Rail



Typical Application

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