

BRODERSEN

simplifying process



3040 GPRS Net Module



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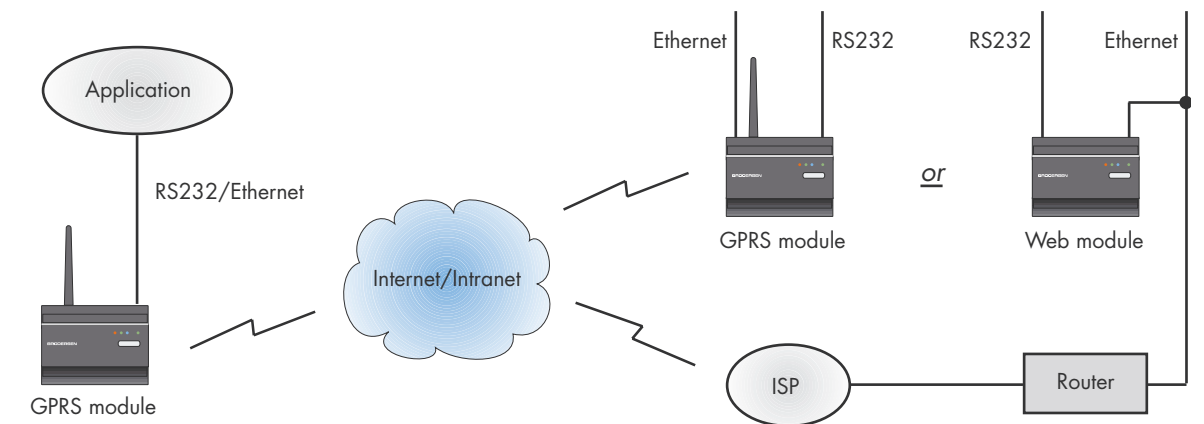
The UCM-97 GPRS Net Module represents the latest new development in communications equipment for transfer of data with remote processes. The Internet ready UCM-97 provides wireless networking features not previously available.

With the UCM-97 GPRS Net Module all the features offered by ordinary wireless networking facilities via TCP/IP are accessible. In addition, it is possible to gain access to any device with a serial interface via LAN, WAN, Intranet and Internet. Serial devices do not have to support TCP/IP or PPP to interface to the UCM-97, as serial tunnelling facilities are provided in the UCM-97 to route proprietary or open serial protocols to anywhere in your network.

Applications

The UCM-97 utilises the latest in mobile network and embedded WebServer technology to deliver a unit that can be integrated easily with any equipment fitted with a serial or Ethernet port (e.g. a PLC, RTU, ATM etc.).

The full networking functionality makes it possible to have an unlimited number of clients looking at the same Web page while concurrently transferring transparent data from the remote serial interface.



Leased Line Replacement

A main feature of the GPRS net module is that it is based on packet switching technology and is 'always on'. GPRS technology offers a cost effective alternative to traditional leased line installations, as costs are based only on the amount of data being transferred.

Embedded Solutions

The GPRS Net Module technology makes it an ideal OEM product for companies who wish to embed wireless Web Server connectivity into their existing and future products. Contact us for details.



Additional options

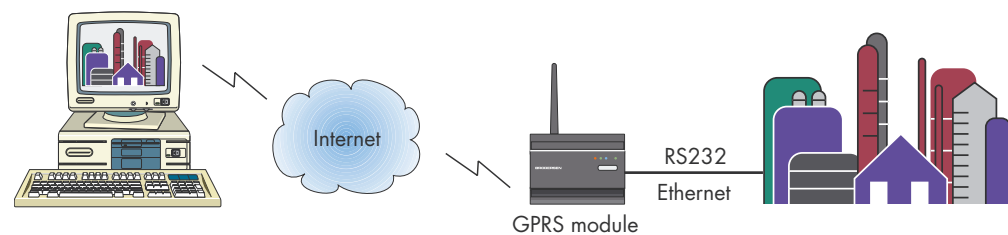
- Built-in AVR 8-bit CPU with serial RS232 or RS485 interface to handle application specific control parameters or specific driver implementation. This can be programmed by the user or by us.
- Brodersen Local Bus for connecting I/O modules directly to the module.
- Software enhancements such as routing facilities, additional networking protocol support and specific protocol implementations.

Main features

- GPRS, class 2 modem, 'always on'.
- Serial Tunnelling (TCP/IP wrapper)
- 10 BaseT Ethernet and RS232 serial port.
- Built-in Web Server for configuration of the UTM-97 using a standard browser like MS Internet Explorer.
- Web Server open for customised Web pages - all Web Server functionality is built-in, ready to use.
- Multi-networking protocol support; HTTP, UDP, PPP, FTP, SMTP, Telnet and transparent serial via RS232.
- Full remote configuration, remote service and remote software update of the UCM-97.

Built-in WebServer

Web pages can easily be made and downloaded into the flash memory of the module using FTP protocol.



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The **BRODERSEN** group has for more than 30 years supplied industrial process components including remote outstations, data loggers and communication modules for the process and automation industry.

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