Compact LAN2GPRS Router

Connect Ethernet Networks to GPRS Cellular Internet

RouteD230

The RouteD230 is a compact and cost-effective solution for easily connecting machines or computers on a LAN network to Internet/Intranet through GPRS network.

This plug-and-play LAN to GPRS router able to share the wireless Internet access for several computers or LAN devices. It can be used as the main Internet link when wired Internet is not possible or as a backup for improving network availability.

The RouteD230 can be configured for maintaning a permanent GPRS connection to allow servers and listening applications hosted on the LAN to be reached through the GPRS link. Reducing the traffic and the associated cost is achieved with an event-triggered strategy for GPRS attachment.

Link Sharing

Embedded Network Address and Port Translation (NAPT) shares the GPRS IP link to all the members of the local network.

Cost Savings

GPRS connectivity prevents from expensive wired Internet set-up. The cost per equipment remains low as the GPRS ressource is shared between all the devices.

GPRS Connection

The integrated SIMCard holder and SMA antenna connector allows the embedded class10 GPRS modem to attach to the network to get an IP address.

LAN 10/100 BaseT

The RJ45 Ethernet interface can be connected to a hub/switch but also to a LAN/LAN router or a HotSpot thanks to the internal PPPoE server.

Flexible

The scope of supported protocols is extended when the RouteD230 is used as a GPRS PPPoE modem by an advanced LAN/LAN router.

Robust Casing

The aluminium casing copes with high availability network requirements and can be wall mounted. An optional Din-rail casing is also available.

e◇device
TECHNOLOGY
Connecting Devices

RouteD230

❯ Hardware
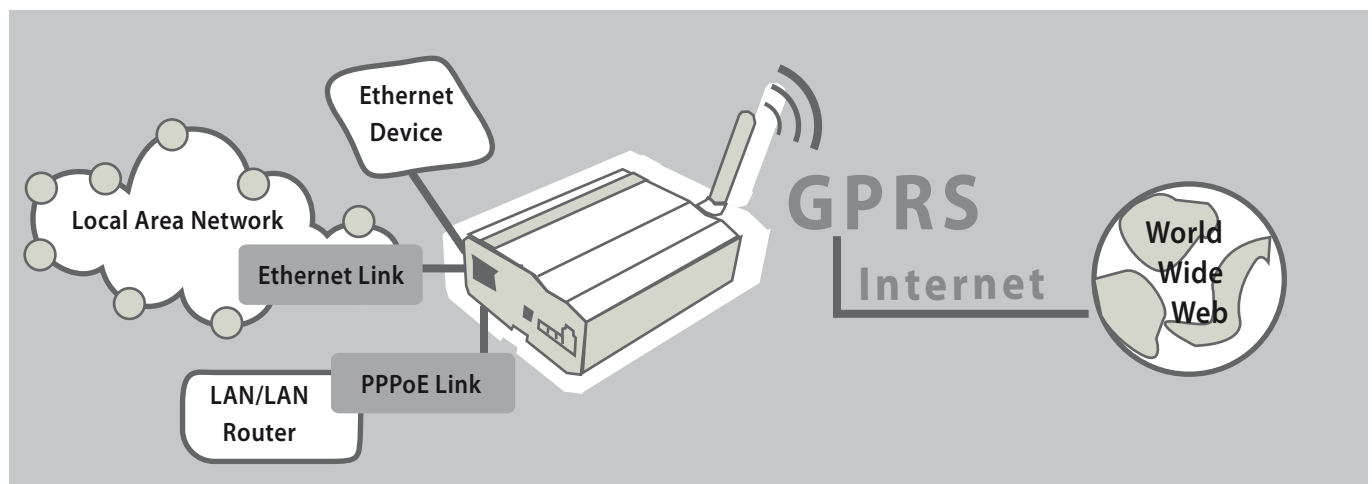
> Blackfin 537 16-32 bit DSP from Analog Devices

> 64 Mbit Flash Memory

> 32 Mbytes RAM

> DB9 serial port for local configuration and troubleshooting

> Power Supply 6-30 V, Secured Microfit connector

> LEDs status / SD Card memory slot

> Dimensions [w] 72 [d] 97 [h] 33 mm

> Operating Environment: 0 to + 45°C

❯ LAN/Wired

> 10/100 Base T network support

> Auto-MDX RJ45 interface

> DHCP or fixed IP address

> NAPT : Network Address and Port Translation for GPRS Internet-sharing

> PPP over Ethernet server for connecting an external router (secured LAN/LAN, Wi-Fi Hotspot...)

> Port forwarding, firewall

> Configuration through Telnet, CLI, HTTP and SNMP

❯ GPRS/Wireless

> Class10 GSM/GPRS modem

> Quad-Band GSM, EDGE upgrade optional

> Maximum speed : 85.6kbps downlink / 42.8kbps uplink

> GPRS attachment permanent monitoring for enhanced availability of listening servers hosted on the LAN

> MMCX antenna connector / External SIM card holder

> Dynamic DNS client

❯ LAN Interface

❯ GPRS Interface

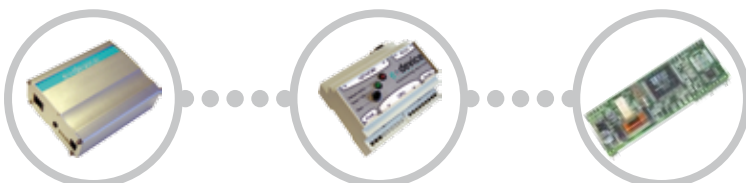## ❯ DIN Rail Casing

Optional

❯ Markets

> Machine-to-Machine M2M

> Monitoring and Surveillance

> Telemetry, Remote Management

> DSL/Cable Infrastructure Backup

> LAN/GPRS converter

> Mobile construction site

> New Premises without wired lines

> GPRS HotSpots

More than 2 Million Products in the Field

e◆device
T E C H N O L O G Y
Connecting Devices