dovado

4GR Gigabit USB Wireless-N Router

INSERT YOUR USB MODEM
TO SHARE THE INTERNET!

Supports the fastest available
3G/HSPA+ USB modems

Maximize your broadband potential!

The Dovado 4GR, the world's first wire-speed Gigabit router for fixed and mobile broadband networks! Working with external USB modems, the Dovado 4GR offers full flexibility towards the latest standards and speeds in mobile broadband. In addition to supporting the longest list of 3G/HSPA+ and CDMA USB modems, the Dovado 4GR covers your home automation needs, allowing you to remotely control the lighting and powering of lamps and appliances throughout your home via SMS or Web or smartphone! Widen your broadband horizon with Dovado.

Connectivity

The Dovado 4GR totals five high-speed Gigabit Ethernet ports; four LAN ports along with a single WAN port. With a dual-antenna (MIMO) 802.11n 300Mbps WiFi, the Dovado 4GR is able to quickly transfer heavy content wirelessly across the network. The two USB interfaces on the front allow you to connect to your mobile broadband operator via the inserted USB modem as well as handle all your Home Automation needs via the 2nd USB port with the help of an external controller. The Dovado 4GR is also capable of monitoring your Internet connection and perform a fail-over to the backup network interface, Ethernet WAN to USB modem, and vice versa. SMS notifications of sudden events can be sent straight to your phone. Why stop there? Use SMS to remotely control and monitor the status of your Dovado 4GR! All you need is your phone. It's that simple!

Functional Overview

- Gigabit WAN/LAN router with mobile broadband support
- Connects to the fixed broadband network via the Gigabit Ethernet WAN port
- Connects to the mobile broadband network via USB modem
- Shares your Internet connection via WiFi and/or Gigabit Ethernet LAN
- Compact and quick to configure
- Connection Tracker™ repairs your Internet connection in case of drop

- Switches automatically to a backup connection in case of failure
- SMS Mailbox & Remote Control (dependent on compatible modem)
- Home Automation of lighting and appliances via Web, SMS or API
- GPS Positioning/Tracking via external USB-based GPS dongle
- Video setup tutorials available online on www.dovado.com/videos
- Firmware upgradeable for new features, available on www.dovado.com/firmware

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dovado   Mobile Broadband Access & Telephony

Technical Specifications

Supported mobile technologies via USB modems

UMTS · HSPA+ · CDMA2000xEV-DO
A detailed and updated list is available
on www.dovado.com/modems

Hardware Interfaces:

- 2 x USB2.0 port
- 4 x 10/100/1000Mbps Ethernet LAN ports
- 1 x 10/100/1000Mbps Ethernet WAN port
- 802.11b/g/n WLAN
- 100-240VAC, 50/60Hz, power switching adaptor
- 12VDC, 2.0A input port in 4GR

Router Features:

- NAT router with DHCP server
- Supports a wide range of USB (3G/HSPA, CDMA) modems
- Multilingual Quick Setup Wizard
- Connection Tracker™ (maintaining Internet connection alive)
- Appoint Ethernet WAN port or USB modem as primary Internet access.
- Automatic fail over between Internet connections
- Dynamic DNS services
- Remote Access/Upgrade
- NTP clock client
- Bi-monthly 3G data traffic counter
- Port-Forwarding
- SPI-Firewall
- UPnP
- VPN Pass-through
- GPS Positioning/Tracking via external USB GPS
- GPS logging towards remote FTP server

Home Automation:

- Home Automation (of lights and appliances) with TellStick, Gembird SilverShield etc.
- Remotely controllable via HTTP and SMS
- Event scheduling for light/appliance power switching

Wireless LAN Security Properties:

- MAC Address Filtering for WLAN
- Encryption WEP, WPA/WPA2 PSK/Enterprise
- Wake-on-LAN (WOL), remotely controllable

SMS Functionality:

- SMS Mailbox (requires compatible modem)
- SMS Status Check (Check connection status of your 4GR with help of your mobile phone)
- SMS Remote Control (use your mobile phone to control your 4GR)
- Alarms via SMS (notifies your mobile phone of any sudden changes in Internet connection)
- Periodic notification of data consumption via SMS

Physical:

Antenna type:	2x3dBi fixed dipole antenna
Dimensions:	30 x 157 x 127 mm
Weight:	280 grams
Power requirements: (incl. AC/DC adapter):	12 VDC, 2.0A (MAX)
Front Panel LEDs:	LANs 1-4, WAN, WLAN, 2xUSB, PWR, SMS

Environment:

Operating Temperature:	10–40 degrees Celsius
Operating Humidity:	10% to 90% (non-condensing)

Certifications:

Type:	CE, FCC part 15 Class B

Corporate Headquarters

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For more information on the 4GR, visit www.dovado.com

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