

PRO AC

Universal Access Router

dovado



DOVADO PRO AC: An Ace Among Routers!

THE KING OF CONNECTIVITY

The Dovado PRO AC is a Universal Access Router. It offers all three methods of broadband Internet connectivity: Fixed, Mobile and WiFi. You can connect to a Gigabit fiber broadband service via the WAN port; the ultra-fastest 4G mobile network via USB modem/mobile hotspot; or even a friendly neighbor's WiFi via the SpotBoost® feature! Whatever access type you use, the Dovado PRO AC will allow you to make use of many great features while providing you a safe, sturdy & speedy network in place. With Dovado, your connection is online all the time!

LATEST WIFI TECHNOLOGY

The Dovado PRO AC incorporates the latest 802.11ac WiFi technology standard, providing a combined radio bandwidth of 1200Mbps, based on 900Mbps 802.11ac (5GHz) and 300Mbps 802.11n (2.4GHz). With two detachable antennas, the router offers full flexibility for any coverage indoor ambitions you may have. The faster 802.11ac technology is an excellent medium for HD-videos and large data transfers while 802.11n offers greater coverage for handheld devices.

MOBILE BROADBAND

For the past decade, Dovado has been incorporating software support for 3G and 4G mobile broadband USB modems as well as mobile hotspot devices. Covering nearly two dozen brand names and hundreds of devices, Dovado routers not only support basic Internet access, but also make utmost use of their extra features such as SMS, Bridge Mode, Frequency Bandlocking as well as exceptionally high data speeds in the hundreds of megabits per second.

HOME AUTOMATION, DATA STORAGE (NAS), MODEM REDUNDANCY, GPS

Providing you a second USB port, the Dovado PRO AC unlocks a great deal of potential. For example, it is possible to remotely control the lighting and heating within your home with anything from a simple SMS command to a smartphone. In addition to which, the router can act as a storage server to smoothen the sharing of photos and videos within your home. The Dovado PRO AC also supports Modem Redundancy, which allows you to use both USB ports for USB modems, where one will act as backup. In addition, the second USB port can also be used to keep track of your vehicle/vessel by inserting a compatible GPS dongle.

VPN CLIENT

With the uniquely-implemented embedded PPTP-based VPN (Virtual Private Network) client, you can decide which of the clients on your network can be connected to an external VPN server. This way, you won't have to lose the full potential of your Internet bandwidth by shuttling all of your traffic via VPN. It is also possible to host servers locally behind the router (over the VPN layer) thanks to the separate set of Port-Forwarding and Dynamic DNS settings.

TECHNICAL SPECIFICATIONS

PHYSICAL

ANTENNA TYPE

2x3dBi detachable dipole antenna

WEIGHT

287g

POWER REQUIREMENTS

12 VDC, 1.5A (MAX) (incl. AC/DC adapter)

DIMENSIONS

180 x 130 x 35 mm

LEDs

LAN 1-4 (with Gigabit Indication), WAN (with with Gigabit Indication), WLAN, USB 1-2, PWR, SMS

OVERVIEW

HARDWARE

1 x USB 3.0 High Speed Port
1 x USB 2.0 Port
4 x 10/100/1000Mbit/s Ethernet LAN Port
1 x 10/100/1000Mbit/s Ethernet WAN Port
100-240VAC, 50/60Hz, power switching adaptor
WiFi Antennas: 2 x detachable 3dBi dual band (2.4GHz + 5GHz)
WiFi: AC1200 (300Mbps 802.11 bgn + 900Mbps 802.11 ac)

ROUTER FEATURES

NAT router with DHCP server
Operates in Routed/Bridged Mode (Mobile Broadband)
Supports a growing range of USB modems SmartUSB™; to re-power USB modem in event of failure
Mobile Internet Auto-Configuration Solution (MIAS)
4G/LTE-Advanced routing in excess of 300 Mbps
4G/LTE Manual Frequency Selection
SpotBoost® WiFi-Tethering connects router to a different WiFi source
Multilingual Quick Setup Wizard
Connection Tracker™ (maintains uptime)
Ethernet WAN port or USB modem as primary Internet access.
Automatic fail-over between Internet connections
High speed NAS/FTP server, via USB external storage
Manual Selection of 4G/LTE Frequency Band
Positioning/Tracking via external USB GPS
GPS logging towards FTP server
Dynamic DNS services
Remote Access/Upgrade
NTP clock client
Bi-monthly USB Modem Data Traffic Counter
Port-Forwarding
SPI-Firewall
UPnP
VPN Pass-Through
VPN Client (PPTP) with Phonebook, Port-Forwarding, Host Exemptions and Dynamic DNS
USB Modem Redundancy
PPPoE (Authentication Protocol)

WIFI SECURITY

MAC Address Filtering for WiFi
WEP 64/128 bit encryption
WPA/WPA2 (TKIP/AES/Mixed)-PSK
WPA2 Enterprise (requires a RADIUS Server)
WPS Softbutton (via Graphical User Interface)

SMS FUNCTIONALITY

SMS Mailbox for sending and receiving messages
Status Check via SMS command
Remote Control via SMS command
Event & Connection Notifications via SMS
Periodic notification of data consumption via SMS
Home Automation
API for 3rd party apps
SMS forwarding to a different number/E-mail

HOME AUTOMATION

Home Automation via USB, controlled by Web/App/SMS
Event Scheduling for power switching of lights/appliances
API for 3rd party apps

ENVIRONMENT

Operating Temperature: 0–40° Celsius
Operating Humidity: 10% to 90% (non-condensing)

FIRMWARE UPDATES

Frequent firmware updates
Dovado Firmware Desktop Utility; with Rescue functionality
Live Firmware Upgrade from Dovado servers, with SMS and/or E-mail notifications

CERTIFICATIONS

Type: CE

* See www.dovado.com/modems for SMS & Bridge Mode compatibility
For more information, visit www.dovado.com

Dovado Europe AB

Knarrarnäsgatan 9
164 40 Kista

Sweden

T. + 46 8 522 918 85 | F. + 46 8 522 918 86

E. sales@dovado.com | W. www.dovado.com

Dovado FZ-LLC

P.O. Box 500422 Dubai
United Arab Emirates

T. +971 4 368 18 70 | F. +971 4 368 81 25

E. sales@dovado.com | W. www.dovado.com

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The Mobile Choice for your Broadband Internet

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.