

Blumax Central Box

All in one Box



EUROBOX ADSL(2+)-Router VoIP/ WLAN 802.11g von Eurotronic Products GmbH

Die „Alles-in-einem-Box“: ADSL/2/2+ Modem mit bis zu 24 Mbit/s Downloadrate, 802.11g WLAN-Router (bis zu 54 Mbit/s) mit WPA/WPA2-Verschlüsselung, Netzwerk-Hub mit 4 10/100 Mbit/s Ethernetanschlüssen, Telefonanlage für analoges oder ISDN-Festnetz und VoIP-Adapter nach SIP-Standard. Für komfortablen Multimediagenuss gibt die EUROBOX ein eingehendes IPTV-Signal an Ihre Set-Top-Box weiter. Der Einrichtungsassistent und die Auto-Scan Funktion machen die Konfiguration der EUROBOX zum Kinderspiel. Schließen Sie bis zu zwei vorhandene Analogtelefone an und telefonieren Sie mit ISDN-Komfort (Anklopfen, Makeln, Halten, etc.) – wahlweise über das Festnetz oder per VoIP. Auch bei ausgeschaltetem PC! Fällt das DSL-Signal einmal aus, greift die EUROBOX automatisch auf das Festnetz zurück. In diesem Fall sorgt ein Least Cost Router für günstigste Verbindungen. Die integrierte Hardware-Firewall mit SPI und QoS garantiert ein extrem sicheres Netzwerk. DoS-Attacken und IP-Spoofing werden so ausgeschlossen. Die intelligente Datenfilterung der EUROBOX dient als Kindersicherung, Spamschutz und zur Vorsortierung von Datenpaketen. Durch WDS-Repeating können mehrere EUROBOXen zu einem großflächigen Netzwerk verbunden werden.



- The magical „All-in-one-Box“
- ADSL/2/2 + modem
- 802.11g WLAN
- Phone switchboard for fixed line
- Adapter (SIP standard)

Merkmale:

ADSL2+ Router und VoIP-Adapter in einem
Unterstützt SIP und VoIP Sprachkompression
Audio-Codex G.711 und G.729
Telefonattribute: Warten, CLIP, etc.
QoS-Kontrolle: "Vorfahrt" für wichtige Daten
T.38 Protokoll für Faxen in Echtzeit über VoIP
Least Cost Routing -
Telefonie wahlweise über Internet oder Festnetz

Eurotronic Products GmbH
 Gewerbeparkstr. 14
 D - 44339 Dortmund

Fon.: +49 (0)231 878 00 30
 Fax.: +49 (0)231 878 00 369
 e-Mail: info@eurotronic.net

www.eurotronic.net

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ADSL - Standards:

3 ADSL Modems integriert:

- ADSL
- ADSL2
- ADSL2+

VoIP:

- SIP-kompatibel (RFC3261)
- Voice-over-IP: Der DSL-Anschluss wird zum Telefon
- Kompatibel mit Ihrem Analogtelefon
- Kostenlos Telefonieren im VoIP-Netz

Netzwerkprotokolle und Merkmale

- NAT und RIP 1+2 für komplexe Netzwerke
- UPnP-Unterstützung
- DHCP
- Virtual Server
- DMZ
- One to One NAT



WLAN 802.11g mit bis zu 54 Mbps

- IEEE 802.11g & 802.11b
- 2,4 GHz - 2,484 GHz
- Datenübertragung mit bis zu 54 Mbp
- 64/128 Bit WEP-Verschlüsselung für ältere Peripherie
- WPA/WPA2-Verschlüsselung mit Pre-Shared Key
- WDS Repeater-Funktion (MultiBoxing)



Firewall

- NAT-Firewall - Abweisen unerwünschter Datenpakete
- SPI - Filtern, Verändern, Verwerfen von Datenpaketen
- Schutz vor DoS-Attacken, IP-Spoofing, etc.
- Packet Filtering | Zuweisen an bestimmte Ports, Rechner, etc.
- URL Content-Filtering - Kindersicherung, Spam-Schutz

Verwaltung

- Installationassistent
- Web-basierte GUI-Benutzeroberfläche für komfortable Bedienung
- Firmware-Upgrades regelmäßig verfügbar
- Syslog-Monitoring möglich
- Zentrale Steuerung durch SNMP v3, MIB 1 + 2
- DHCP-Unterstützung
- TR-069

ISDN-Merkmale

- Voll kompatibel zu Euro-ISDN
- Telefonate über ISDN-Festnetz möglich
- Failover - automatische Übernahme, wenn DSL ausfällt

Physische Daten

Anschlüsse

- WLAN: Antenne
- WAN: ADSL-Anschluss
- Telefon: 2xRJ11/TAE, 1xRJ45 (Für Festnetz, ISDN oder analog)
- LAN: 4x10/100Mbit Auto-Crossover (MDI/MDI-X) Port-Switches
- Konsole: Ethernet Port 4 kann mit Konsole verbunden werden
- Zurücksetzen auf Auslieferungszustand mit einem Knopfdruck
- Netzstecker
- Ein/Aus-Schalter

Maße

- 210 mm x 148 mm x 36 mm (8.27" x 5.83" x 1.42")

Benutzung und Pflege

- Arbeitsspannung: 12V DC, 1.2A
- Betriebstemperatur: 0 - 40°C
- Lagertemperatur: -20 - 70°C
- Luftfeuchtigkeit: 20 - 95%, nicht kondensierend

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Feature & Specification

Voice over IP compliance with SIP standard

The router supports cost-effective, toll-quality voice calls over the Internet. It complies with the most popular industrial standard, SIP protocol, to ensure the interoperability with SIP devices and major VoIP Gateways. The VoIP ADSL router supports call waiting, silence suppression, voice activity detection (VAD), comfort noise generation (CNG), line echo cancellation, caller ID (Bell 202, V3) and so on.

Lifeline Support (Router with LINE port only)

The router integrates RJ-11 FXO port for inbound and outbound calls transmitted through PSTN. Users can receive phone calls from PSTN while enjoying VoIP call service at the same time. In addition, the device automatically fallbacks to lifeline POTS to enable making normal phone calls when there is power outage, or when the Internet connection is down.

Express Internet Access

The router complies with ADSL worldwide standards. It supports downstream rate up to 12/24 Mbps with ADSL2/2+, 8Mbps with ADSL. Users enjoy not only high-speed ADSL services but also broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever. It is compliant with Multi-Mode standard (ANSI T1.413, Issue 2; G.dmt (ITU G.992.1); G.lite (ITU G.992.2); G.hs (ITU G994.1); G.dmt.bis (ITU G.992.3); G.dmt.bisplus (ITU G.992.5)).

Virtual Private Network (VPN)

(Only the EUROBOX 2-1-VPN has VPN features)

Allows user to make a tunnel with a remote site directly to secure the data transmission among the connection. User can use embedded PPTP and L2TP client/server, IKE and IPSec which are supported by this router to make a VPN connection or users can run the PPTP client in PC and the router already provides IPSec and PPTP pass through function to establish a VPN connection if the user likes to run the PPTP client in his local computer.

802.11g Wireless AP with WPA Support

(Wireless Router only)

With integrated 802.11g Wireless Access Point in the router, the device offers a quick and easy access among wired network, wireless network and broadband connection (ADSL) with single device simplicity, and as a result, mobility to the users. In addition to 54 Mbps 802.11g data rate, it also interoperates backward with existing 802.11b equipment. The Wireless Protected Access (WPA) and Wireless Encryption Protocol (WEP) supported features enhance the security level of data protection and access control via Wireless LAN.

Fast Ethernet Switch

A 4-port 10/100Mbps fast Ethernet switch is built in with automatic switching between MDI and MDI-X for 10Base-T and 100Base-TX ports. An Ethernet straight or crossover cable can be used directly for auto detection.

Multi-Protocol to Establish A Connection

Supports PPPoA (RFC 2364 - PPP over ATM Adaptation Layer 5), RFC 1483 encapsulation over ATM (bridged or routed), PPP over Ethernet (RFC 2516), and IPoA (RFC1577) to establish a connection with the ISP. The product also supports VC-based and LLC-based multiplexing.

Quick Installation Wizard

Supports a WEB GUI page to install this device quickly. With this wizard, end users can enter the information easily which they get from their ISP, then surf the Internet immediately.

Universal Plug and Play (UPnP) and UPnP NAT Traversal

This protocol is used to enable simple and robust connectivity among stand-alone devices and PCs from many different vendors. It makes network simple and affordable for users. UPnP architecture leverages TCP/IP and the Web to enable seamless proximity networking in addition to control and data transfer among networked devices. With this feature enabled, users can now connect to Net meeting or MSN Messenger seamlessly.

Network Address Translation (NAT)

Allows multi-users to access outside resources such as the Internet simultaneously with one IP address/one Internet access account. Many application layer gateway (ALG) are supported such as web browser, ICQ, FTP, Telnet, E-mail, News, Net2phone, Ping, NetMeeting, IP phone and others.

SOHO Firewall Security with DoS and SPI

Along with the built-in NAT natural firewall feature, the router also provides advanced hacker pattern-filtering protection. It can automatically detect and block Denial of Service (DoS) attacks. The router is built with Stateful Packet Inspection (SPI) to determine if a data packet is allowed through the firewall to the private LAN.

Domain Name System (DNS) relay

Provides an easy way to map the domain name (a friendly name for users such as www.eurotronic.net) and IP address. When a local machine sets its DNS server with this router's IP address, every DNS conversion request packet from the PC to this router will be forwarded to the real DNS in the outside network.

Dynamic Domain Name System (DDNS)

The Dynamic DNS service allows you to alias a dynamic IP address to a static hostname. This dynamic IP address is the WAN IP address. For example, to use the service, you must first apply for an account from a DDNS service like <http://www.dyndns.org/>. More than 5 DDNS servers are supported.

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Feature & Specification

Quality of Service (QoS)

QoS gives you full control over which types of outgoing data traffic should be given priority by the router, ensuring important data like gaming packets, customer information, or management information move through the router at lightning speed, even under heavy load. The QoS features are configurable by source IP address, destination IP address, protocol, and port. You can throttle the speed at which different types of outgoing data pass through the router, to ensure P2P users don't saturate upload bandwidth, or office browsing doesn't bring client web serving to a halt. In addition, or alternatively, you can simply change the priority of different types of upload data and let

Virtual Server ("port forwarding")

Users can specify some services to be visible from outside users. The router can detect incoming service requests and forward either a single port or a range of ports to the specific local computer to handle it. For example, a user can assign a PC in the LAN acting as a WEB server inside and expose it to the outside network. Outside users can browse inside web servers directly while it is protected by NAT. A DMZ host setting is also provided to a local computer exposed to the outside network, Internet.

Rich Packet Filtering

Not only filters the packet based on IP address, but also based on Port numbers. It will filter packets from and to the Internet, and also provides a higher level of security control.

Dynamic Host Configuration Protocol (DHCP) client and server

In the WAN site, the DHCP client can get an IP address from the Internet Service Provider (ISP) automatically. In the LAN site, the DHCP server can allocate a range of client IP addresses and distribute them including IP address, subnet mask as well as DNS IP address to local computers. It provides an easy way to manage the local IP network.

Static and RIP1/2 Routing

Supports an easy static routing table or RIP1/2 routing protocol to support routing capability.

Simple Network Management Protocol (SNMP)

It is an easy way to remotely manage the router via SNMP.

Web based GUI

Supports web based GUI for configuration and management. It is user-friendly and comes with on-line help. It also supports remote management capability for remote users to configure and manage this product.

Firmware Upgradeable

Device can be upgraded to the latest firmware through the WEB based GUI.

Rich management interfaces

Supports flexible management interfaces with local console port, LAN port, and WAN port. Users can use terminal applications through the console port to configure and manage the device, or Telnet, WEB GUI, and SNMP through LAN or WAN ports to configure and manage the device.

Product Models

EUROBOX 1-1-FXS : 1 FXS / 1 FXO
EUROBOX 2-1-FXS : 2 FXS / 1 FXO
EUROBOX 2-1-VPN : 2 FXS / 1 FXO, 16 VPN
EUROBOX 2-3-ISDN : 2 FXS / 1 ISDN and PSTN

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