BLACK BOX®
NETWORK SERVICES

Matrix Box

Key Features

▶ NAT Router

▶ PPPoE, DHCP Server/Client, UPnP

▶ SPI Firewall, Content Filter

▶ Wireless IEEE 802.11b/g

▶ 4 Port 10/100 Ethernet Auto MDI/X Switch

▶ 4 Port USB 2.0 Hub

▶ Web Cam Server

▶ Real Time Surveillance

▶ HyperQoS & HyperSHAPER

▶ IPSec VPN (3DES)

▶ Soft DMZ

Matrix Box Multimedia Network Center simplifies your network complexity by combining a multitude of functions into a single device. Functions supported are IP sharing, PPPOE, DHCP, DDNS, firewall, VPN, content filtering, four USB 2.0 ports, a four-port switch hub, print server, webcam server, motion detection, a 802.11 b/g access point, USB-based hard drive services, UPnP and many more. The strength of Matrix 21 resides in its P2P application enhancement.

Matrix Box is ideal for end user and SOHO. Besides the friendly WebUI, Matrix Box provides the following features:

- Firmware is upgradeable via the web interface.

- Supports 4 10/100Mbps Auto MDI/X Ethernet ports & one 10/100Mbps auto MDI/X Ethernet WAN port.

- Supports Wireless 802.11g/b standard

- Supports 4 USB 2.0 interfaces
  • Supports USB printer
  • Supports webcam, accompanied with built-in software, it acts as a real time surveillance system. Irregular activities will be captured and mailed to the pre-designated email account.

- Supports USB HD. Additional HD can be used as storage for real time recording. In addition, ftp server is supported for file sharing.

- Total Security
  • Supports SPI firewall.
  • Anti-DoS
  • Supports NAT (for IP-sharing)
  • Supports content filtering.
  • Supports IPSec VPN

- Supports P2P-HyperQoS/HyperSHAPER With HyperQoS and HyperSHAPER, the performance of P2P applications such as eDonkey, BitTorrent, Kazza, and etc. is optimized. No more lags when playing online games. P2P downloads will not interfere with time and bandwidth sensitive applications.

  • Supports DDNS (dynamic DNS).
  • Supports DHCP server.
  • Supports virtual server.

Specifications

CPU: MIPS 170MHz(Brecis2006)

Memory: 8MB Flash, 32MB DRAM

Height: 30mm

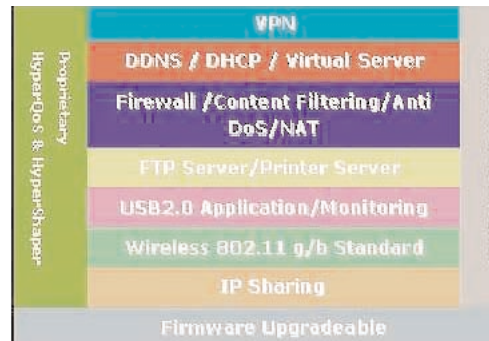**Width:** 240mm

Length: 145mm

Weigth: 600g

Rack mountable: no

Power Supply: 240AC external

Interfaces:

1x 10/100 WAN port
4x 10/100 Auto MDI/X Switch
4x USB 2.0 Hub
HDD Power

Application Diagram

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Black Box Network Services - The world's largest network services company

We are, with 25 years of experience, the world leader in network infrastructure services.

On the Phone — no charge, answer calls in less than 20 seconds, find the right product with our technical experts.

On-site — superior design and engineering, Certified installations, end-to-end service.

On-line — receive technical knowledge on-line, including technology overviews, Black Box Explains and the Knowledge Box.

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