level one

ADSL2+ Modem Router
1WAN 1LAN 1USB

FBR-1161

H/W Version: 1

Robust and Versatile Device

The FBR-1161 ADSL Router is an easy-to-use ADSL router with one Ethernet port and one USB port designed for home and office use that allows for faster connection speeds of up to 24Mbps. It complies with ADSL2 and ADSL2+ industry standards for high-speed Internet access, gaming, VoIP and other bandwidth-hungry applications.

Robust Security and Easy Management

Along with the built-in NAT natural firewall feature, the FBR-1161 router also prevents Denial of Service (DoS) attacks and also supports URL content filtering. With a DHCP client and built-in server, network administrators can easily manage devices on the network without having to reconfigure other stations. In addition, future firmware upgrades can be done via a friendly Web-based User Interface.

Dual Flexibility with Plug-and-Play

FBR-1161 router provides a USB and Ethernet port so users can choose their preferred interface to connect to the internet. The router is Plug-and-Play and makes use of a Web-based user interface and wizard for easy configuration and installation.

1. LED Indicators
2. ADSL Interface
3. USB Client Interface
4. LAN Interface
5. Reset Button
6. Power Port
7. On/Off Button

Key Features

- ADSL2+ Modem Router for High-Speed Internet Access, up to 24Mbps.
- Robust Firewall Security for Network Protection
- UPnP, DDNS and VPN Pass Through
- One Integrated Ethernet Port
- One USB Port to share Internet to PCs

Works Well With

WAP-3000
11g Wireless AP

FSW-0511
5-Port Fast Ethernet Switch

Technical Specification

LAN-Interface
1x 10/100 Mbps Auto-MDIX RJ-45 Port

USB-Interface
1x USB1.1 Type A

ADSL-Interface
1x RJ11 Port

Data Rates:
Downstream: Up to 24Mbps
Upstream: Up to 3.5Mbps

ADSL Standards
Multi-Mode, ANSI T1.413 Issue2
ITU-T G.992.1 (G.dmt) Annex A/C/I
ITU-T G.992.2 (G.lite) Annex A/C
ITU-T G.994.1 (G.hs)

ADSL2 Compliance
ITU-T G.992.3 (G.dmt.box) Annex A/J/K/L/M
ITU-T G.992.4 (G.lite.bis) Annex A

ADSL2+ Compliance
ITU-T G.992.5 Annex A/L/M

ATM and PPP Protocols
VC and LLC based multiplexing
ATM Adaptation Layer Type 5 (AAL5)
Multiple Protocol over AAL5 (MPoA)
PPP over Ethernet (PPPoE)
PPP over ATM (PPPoA)
OAM F4/F5

Firewall
DoS Detection
NAT Firewall with SPI mode
Virtual Server, DMZ
Schedule-Based MAC, Packet and URL Filtering

Other Features
DDNS Supported, UPnP Supported, NTP Time Server,
VPN Pass-Through (PPTP, IPSec, L2TP)

Firmware Upgrade
Web-based (HTTP)

Management
Quick Installation Wizard
Web-Based GUI Configuration
Auto VPI/VCI Detection
Telnet remote and local management
Syslog monitoring
SNMP v3, MIB-I and MIB-II support

Supported Operating Systems
Windows 2000/XP/Vista/Mac OSX/Linux

Power Adapter
DC12V / 1.0A

Operating Temperature
0°C ~ 40°C / 85% Humidity

Storage Temperature
-20°C ~ 70°C / 95% Humidity

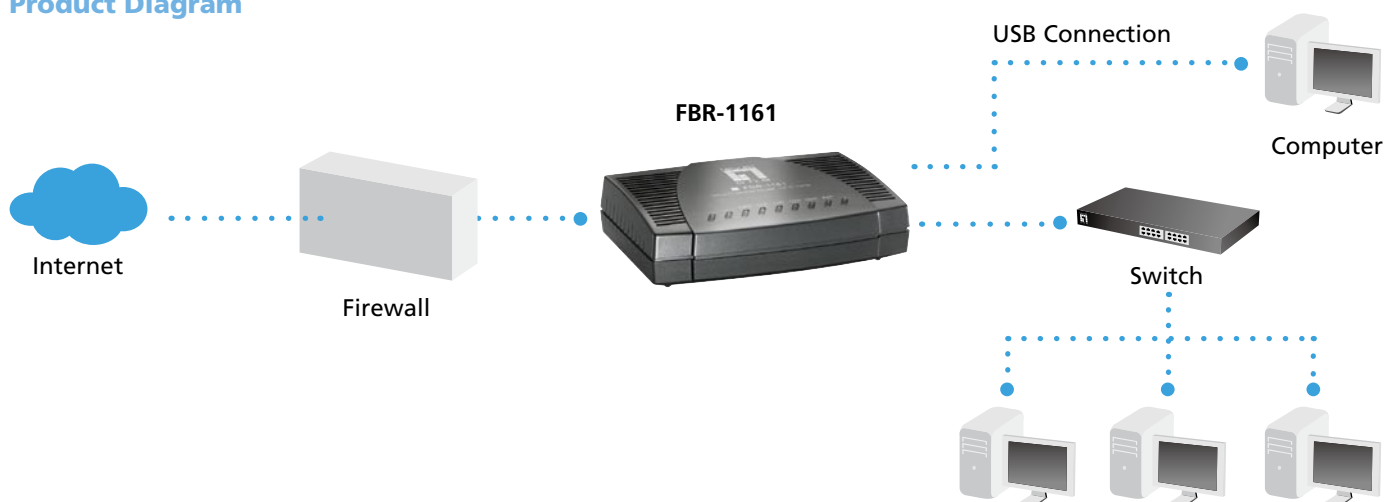**Dimensions**
132mm(L) * 94mm(W) * 35mm(H)
Wall Mount Brackets

Certifications
CE, FCC

Network Standards
IEEE 802.3x, IEEE 802.3, IEEE 802.3u

Product Diagram

USB Connection

FBR-1161

Computer

Internet

Firewall

Switch

Order Information   **FBR-1161:** ADSL2+ Modem Router 1WAN 1LAN 1USB

Package Content   FBR-1161, Power Adapter, RJ45 Ethernet LAN Cable, RJ11 ADSL Cable, CD Manual
Quick Installation Guide