



# A genie to protect your family and devices from Internet risks



- ✓ Age-wise Parental Controls
- ✓ Protection from Bots & Hackers
- ✓ Excellent Wireless Range & High Performance
- ✓ Supports VDSL2, ADSL2+, Cable Internet, 3G USB modem

**Wireless VDSL2 /ADSL2+**  
Modem Router

# HOME

Wireless VDSL2/ADSL2+  
Modem Router



Cyberoam NetGenie is a Smart Wireless Router that protects families, children and devices at home from Internet risks. NetGenie blocks harmful Internet content for all family members and offers peace of mind to parents jittery about their children's Internet safety. Allow access to Internet content suitable for your child's age with NetGenie's age-wise Parental Control feature. Create an "Internet time-table" with NetGenie's time-based Internet controls.

NetGenie secures and shares Internet connectivity across all Internet-access devices like desktop, laptop, PDA, smartphones, tablets and other handheld devices. Keep your family protected from hackers and botnets when they surf online, with features like firewall and Intrusion Prevention System.

With NetGenie, get support for all types of Internet connectivity, viz. VDSL2, ADSL2+, Cable Internet and 3G connection, along with excellent wireless range, high performance, Gigabit port and threat-free Wi-Fi over multiple devices. Get Internet activity reports of children at home along with security reports of your home network. You can manage NetGenie settings through a web-based GUI over any Internet-access device in your home network.

## Cyberoam NetGenie provides peace of mind to Home Users



# Cyberoam NetGenie Features

## Age-wise Parental controls



Block harmful Internet content for all family members. Provide age-appropriate Internet access to children and monitor their online activities. Manage their time over Facebook, Email, chat, games and more, with NetGenie's in-built 70+ categories.

## Excellent Wireless Range & High Performance



Experience a true Wi-Fi home and enjoy Internet browsing from your laptops, smartphones, tablets and more. Play online games, enjoy HD video and high bandwidth downloads.

## Protection from Bots & Hackers



Protect your desktop, laptops, handheld devices like mobile phones and tablets, gaming consoles, and IPTV from hackers and bots when online with security features like in-built Firewall and Intrusion Prevention System.

## Threat-Free Wi-Fi



Prevent unauthorized access into your home Wi-Fi network, the moment you turn on NetGenie, without the need for manual settings.

## Secure Wi-Fi for Multiple Devices



Secure Wi-Fi surfing over laptops, smartphones, tablets, gaming consoles and more when surfing online.

## Supports VDSL2, ADSL2+, Cable Internet, 3G USB modem



Next time when you switch your Internet connectivity, you don't need to worry about changing your router.

## Share your 3G USB modem Internet



Share Internet over your USB broadband with multiple users at same time.

## Gigabit Port



## NetGenie v/s Others

	NetGenie VDSL2/ADSL2+	Normal Wi-Fi router
Wi-Fi Access Point	✓	✓
Threat-Free Wi-Fi	✓	✗
Protection from Bots & Hackers	✓	✗
Advanced Parental Controls		
Website & Application Filtering	✓	✗
User-wise Internet controls for websites, applications	✓	✗
Age-appropriate Internet access	✓	✗
Pre-categorized list of Websites & Applications	✓	✗
Schedule-based Internet Access	✓	✗
Reports		
Internet activity reports of each user	✓	✗
Internet Threat reports	✓	✗

## Interface

- RJ-11 1 DSL Line Port (RJ11)
- RJ-45 1 Gigabit LAN port (RJ45) (MDI/MDIX),  
3 10/100M LAN Ports (RJ45) (MDI/MDIX)
- USB Port 1 (2.0, Host)

## Wireless Features and Performance\*

- Wireless Standards IEEE 802.11 b/g/n
- Antenna Power External, 3 dBi
- Wireless transmit power 20dBm
- Access Points Multiple SSID (up to 4)  
WPA / WPA2, WEP encryption
- Data Rate Upto 300 Mbps
- Number of selectable channels 11 Channels (US, Canada)  
13 Channels (Europe)  
14 Channels (Japan)
- RF Operating Frequency 2.4 Ghz
- Range Indoor: up to 100 meters;  
Outdoor: up to 300 meters

## VDSL and ADSL Features

- Full-rate ANSI T1.413 issue 2
- ITU-T G.992.1 (G.dmt), supporting Annex A
- ITU-TG.992.2 (G.lite), supporting Annex A
- ITU-T G.992.3 (G. dmt.bis), supporting Annex A, Annex L and Annex M
- ITU-T G.992.4 (G.lite.bis), supporting Annex A
- ITU-T G.992.5 (ADSL2+), supporting Annex A, Annex L and Annex M
- ITU-T G.993.2(G.vdsl2) (Profile 8a, 8b, 8c, 8d, 12a,12b and 17a)
- ITU-T G.994.1 (G.hs) and G.993.1 VDSL
- Support Band Plan 997 and 998 and 3/4/5/6 band

## Data Transmission Rate

- Upstream: Up to 50 Mbps, Downstream: Up to 100 Mbps.
- Rate Adaptive at 32 Kbps steps

## ATM and PPP Features

- RFC2684 Bridge and Routed LLC & VC
- RFC2364 PPP over ATM AAL5
- RFC2516 PPP over Ethernet
- RFC2225/RFC1577 Classical IP over ATM
- RFC1483 Transparent Bridge
- RFC 1483/2684 Bridged Ethernet
- ATM Forum UNI 3.1/4.0, ATM Adaptation Layer Type 5-AAL5
- VPI Range (0-255) and VCI range (32-65535)
- UBR, CBR, VBR-rt, VBR-nrt
- F4/F5 OAM Loopback
- AIS and RDI OAM cells Supports 16 PVCs

## Network Protocols

- Static IP
- Network Address Translation (NAT)
- Port Forwarding
- NAT Application Level Gateway for popular applications
- DHCP Server /client
- DNS Relay Agent
- DDNS support
- UPnP (Universal Plug and Play)
- PPP Auto Reconnect
- ALG for SIP, FTP, TFTP, H323, IRC, PPTP and RTSP

## Parental Control

### Website Filtering & Application Filtering

- Identity-based Internet Access
- Block offensive and inappropriate websites and applications
- Age-appropriate Internet access
- Website and Application Control – Block or provide scheduled access to website categories and applications (e.g. Games, Facebook, Chat etc)
- MAC address white list

## Security Features

- Firewall with SPI (Stateful Packet Inspection)
- IP Sharing Method - Network Address Translation (NAT)
- Intrusion Prevention System (IPS)
- Authentication protocols - PAP, CHAP, TCP/IP/Port filtering rules, Port
- Forwarding, Packet and MAC address filtering, Access control

## Management

- User-friendly Web Interface
- Password Protected System Management
- Automatic/manual system clock synchronization with NTP server
- Configuration backup and restoration
- Software upgrade via HTTP
- NetGenie DDNS

## Reports

- Monitor web and application activity of each family member over Internet
- Websites visited, Applications used

## Compliance

- FCC, CE, ROHS

## Warranty

- Localized to country of sale

## Power

- External Power adapter 100-240 VAC
- Humidity 10 ~ 90% (non-condensing)
- Operating temperature 0°C~40°C
- LEDs PWR,LAN1,LAN2,LAN3,LAN4,WLAN,DSL,INET

## Minimum Requirements

- Internet Explorer 7, Chrome or Firefox 3 or higher for browser-based configuration
- Windows XP, Vista, or Vista 64-bit Edition, Windows 7, Linux based OS, Mac OS with Latest Updates
- Wired or Wireless Network Adaptor
- VDSL/ADSL Internet connection with RJ11

## Package Contents

- Appliance x 1
- Antenna x 2
- RJ11 cable x 1
- RJ45 cable x 1
- External splitter x1
- Multi-Country Power Adapter x 1
- USB broadband extension cable x 1
- Quick Start Guide x 1

\*The performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary as it depends on factors, conditions and variables, like distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions. Specifications are subject to change without notice. NG11VH-20130823



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Gold award winner\*\*  
Network Products Guide



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