

Say YES to
office productivity
& NO to online threats



- ✓ Manage access to Websites & Applications
- ✓ Protection from Bots & Hackers
- ✓ VPN
- ✓ Excellent Wireless Range & High Performance
- ✓ Supports VDSL2, ADSL2+, Cable Internet, 3G USB modem

Wireless VDSL2 /ADSL2+
Integrated Security appliance

Google's online game, Pac-Man costs 145 million USD in lost productivity in a day

When the Internet giant Google uploaded a version of the video game – Pac-Man on its website to celebrate the game's 30th anniversary, the flood of web traffic to the game resulted in \$145 million in lost productivity to businesses in the US alone.

Unsecure Wi-fi could lead to loss of Reputation and Business

An unsecure Wi-Fi resulted in an innocent man being accused of child pornography after his neighbor hacked into his home Wi-Fi network and downloaded thousands of such images. The same can happen to small office owners who can face legal harassment, loss of business and reputation if they do not secure their Wi-Fi networks.

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Hackers Steal Money, Destroy firm



A fuel distribution firm in North Carolina, with around 15 employees on the payroll, lost more than a year's worth of employee salaries when hackers stole money through unauthorized intrusion into their systems.

- 60%** of small businesses close down within six months of a cyber attack
- 70%** of all Internet porn traffic occurs during the 9-5 working hours
- 41%** of small businesses lost money due to cyber crime in 2012
- 70%** of a company's bandwidth is consumed by non-productive pursuits like online video, audio streaming, downloading movies or MP3
- 64%** employees visit non-work related websites every day.
- 60%** of all online purchases are made during working hours



Wireless VDSL2 /ADSL2+ Integrated Security Appliance

Cyberoam NetGenie is an 802.11n Wireless VDSL/ADSL2+ Integrated Security Appliance for Small and Home Offices that helps them enhance office productivity and block online threats in their networks. It offers advanced Internet access controls that help you closely manage, schedule and monitor Internet activities of your employees even when you are away from office. With features like Stateful Inspection Firewall, VPN (Virtual Private Network), 3G Ready, in-built Intrusion Prevention System and Internet Controls over websites and applications in a Wireless Router, NetGenie offers multiple features in a single appliance to small offices.

NetGenie offers protection from bots and hackers and is pre-configured to protect against unauthorized access and misuse of office Wi-Fi network. With added wireless capabilities and WEP, WPA and WPA2 encryption standards, NetGenie allows safe Internet access using any Internet-enabled device including laptops, PDA, smartphones, IPTV, and more. It also allows secure access to resources lying at remote offices with its VPN feature.



Cyberoam NetGenie Features



Website Filtering

Block harmful websites and limit access to unproductive websites like job sites, sports sites, and more with pre-categorized list of websites. An easy slider allows you to select the level of Internet controls- List Only, Strict, Moderate, Minimal and Safe Surfing for office users.



Application Filtering

Block or limit access to applications like Facebook, Gtalk, Yahoo Messenger, and more with pre-categorized list of applications.



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 enterprise-level security features like in-built Firewall and Intrusion Prevention System.



Virtual Private Network

Get secure access to network resources located at remote offices like vendors' offices or central office.



Share your 3G USB modem Internet

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



Threat-Free Wi-Fi

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



Excellent Wireless Range & High Performance

Get superior wireless performance, with leading 802.11n technology. Share your office Wi-Fi network with wireless devices without dead spots.



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.



Gigabit Port

NetGenie v/s Others	NetGenie VDSL2/ADSL2+	Normal Wi-Fi router
Wi-Fi Access Point	✓	✓
Threat-Free Wi-Fi	✓	✗
IPSec VPN for secure access to central and vendor offices	✓	✗
Protection from Bots & Hackers	✓	✗
Advanced Internet Controls		
User-wise Internet controls for websites, applications	✓	✗
Website & Application Filtering	✓	✗
Different levels of 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

VPN (Virtual Private Network)

- IPsec

Internet Control

Website Filtering & Application Filtering

- Identity-based Internet Access
- Block offensive and inappropriate websites and applications
- Different level of Internet access
- Website and Application Control - provide scheduled access to website categories and applications
- Customize usage with Internet controls - Customize the access privileges for each office user based on business needs
- 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 office users 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
- 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. NG11VO-20130823



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Gold award winner**
Network Products Guide



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