



LanRover 1080/1085 Broadband Security Gateway

Highlights

Proven, easy-to-install ADSL broadband, firewall and VPN solution for the SOHO, remote branch offices and managed service providers

Complete VPN solution supports site-to-site and client-to-site via bundled unlimited user license for Shiva VPN Client

Exclusive Profile Key Technology facilitates mass deployment and customization for managed service providers

VPN option provides network security via authentication and data security via strong encryption

Increases Return on Investment for managed service providers by facilitating successful first-time installations and eliminating costly truck rolls

SHIVA'S SOHO BROADBAND SECURE ACCESS SOLUTION

The Shiva LanRover 1080/1085 Broadband Security Gateway Series of security appliances provides broadband remote access and security in one platform combining the security of a firewall with the flexibility of an embedded ADSL router. The Shiva LanRover 1080/1085 Broadband Security Gateway offers a robust range of features including an IP Router, ICSA-compliant stateful packet inspection firewall and VPN support. The LanRover 1080 Broadband Security Gateway is designed for ADSL networks operating over analog POTS (ITU G.992.1, Annex A) while the LanRover 1085 supports networks requiring ADSL over ISDN (ITU G.992.1, Annex B).

REVOLUTIONIZING DEPLOYMENT AND UPGRADES

Shiva's Profile Deployment Tool, available on the LanRover™ Broadband Security Gateway Series revolutionizes the traditional CPE deployment model by enabling remote mass customization of complex service offerings such as VPNs and firewalls without the slow, costly truck rolls typically associated with these services.

Shiva's exclusive **Profile Key Technology**, allows resellers, enterprises and broadband service providers to easily enable or deploy new features by issuing a simple "key" to the user. The key encodes the set of services needed on the router and are decoded by the CPE unit automatically. Profile keys can be "private" and encoded to a particular individual user or can be "public" for use in mass deployment where all remote users utilize the same feature set. **Profile Key Technology** assures that users have access only to those services and features permitted.

FAMILY OF SOLUTIONS

As part of the LanRover family, the Shiva LanRover 1080/1085 Broadband Security Gateway series integrates easily with our comprehensive suite of proven VPN solutions, including the industry-leading Shiva 3105, 3115 and 3125 Security Gateways. The VPN option includes an unlimited license of our full function Shiva VPN Client Software application.





Features

Multi-Function ADSL CPE

Profile Key Technology eases deployment, configuration and future feature/service upgrades

ICSA IPSec 1.0B compliant VPN implementation

Stateful inspection firewall with NAT

IPSec compliant VPN assures interoperability between gateways and clients

Easy-to-use graphical user interface (GUI) for fast customer installs and service upgrades

For more information, or for the name of your local value added reseller, contact Shiva today:

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MANAGED SERVICES

Service providers seeking to offer managed ADSL broadband including VPN or firewall services can utilize the Shiva LanRover 1080/1085 Broadband Security Gateways as part of a value-added managed service offering. Using Shiva's unique Profile Key Deployment technology, Telco's and service providers can accomplish the following:

- *Eliminate truck rolls*
- *Facilitate successful first time installations*
- *Maximize auto-configurations*
- *Reduce cost of CPE ownership*
- *Adjust to a variety of service provider environments*
- *Offer service provider configuration flexibility*

SPECIFICATIONS

ADSL Support	ITU T1.413 Issue 2, ITU G.992.1 (G.dmt), ITU G.992.2 (G.lite), ITU G.994.1 (G.handshake), LanRover 1080/1085 Broadband Security Gateway -Annex A (ADSL over POTS), LanRover 1085 - Annex B (ADSL over ISDN)
ATM PVCs	6 ATM PVCs
Processor	Intel® IXP 220, GlobespanVirata ADSL
IP Routing Support (Optional)	IP Routing using RIP 1 and RIP 2
Firewall Support (Optional)	Stateful Packet Inspection Firewall
VPN Support (Optional)	10 Tunnels (Site-to-Site or Client-to-Site) Support for DES, 3DES and AES Encryption ESP V2 (IKE),SHA-1, MD5, DH 1 & 2, NAT Traversal, NetBIOS, Challenge Phrase, Access Control Lists VPN Client Included – Unlimited License
Profile Deployment Tool (Optional)	Software Tool required to generate Profile Keys for quick and simple deployment.
Interfaces	1 ADSL RJ-11 (1080 -Annex A), (1085-Annex B) 1 10/100 Ethernet, 1 RJ-45 console port 1 RJ-11 passthrough POTS
Standards Compliance	RFC Compliance: 2684, 2516, 2364 IPSec security specification proposed by the IETF 2401, 2402, 2406, 2407, 2408, 2409, 2410, 1828 and 1852, IP Routing with RIP 1, RIP 2, Static IP Routing, 801.1d Transparent bridging, DHCP Server and Client, NAT (NAT/NAPT), Reverse NAT
Management Interfaces	eWeb HTML interface, Profile Deployment Tool, Command Line Interface via Telnet and local console
Electrical	
<i>Line Voltage</i>	90 – 264 VAC
<i>Frequency</i>	47 - 63Hz
<i>Max. Power Consumption</i>	8.25W
<i>Power supply output</i>	+3.4VDC (5% at 2.0A at the output connector)
<i>Power cable length</i>	5.3ft for North America
Physical	
<i>Height, Width, Depth</i>	1.5 in (3.84 cm), 6.75 in (17.14 cm), 5.75 in (14.6 cm)
<i>Mounting</i>	Desktop or wall mount
EMC and Safety	FCC part 15 (USA) Class B; IC CS-03 (Canada) EN 55022 (Europe) Class B VCCI, CISPR22 Class B, CNS 13438 (Canada) Class B; EN 55024 (Europe),UL 60950, CSA-C22.2 No. 950, IEC 60950, EN 60950