

# Aerohive VPN Gateway

## Scalable VPN tunnel termination appliance

The Aerohive VPN Gateway is a single, rapidly deployable VPN termination appliance that is scalable to handle thousands of VPN connections from Aerohive's branch routers. Combined with the HiveOS routing intelligence, the VPN Gateway enables breakthrough ease of branch office provisioning and management with license-free pricing that's made Aerohive the networking partner choice of thousands of organizations around the world.



### Key Features and Benefits

#### Scalable VPN Termination

The VPN Gateway has been developed to terminate thousands of Layer 2 and Layer 3 IPsec VPN terminations at headquarters while making it extremely easy to set up for IT. It is a pre-integrated appliance that is desired by organizations that prefer a single, hardware box as opposed to installing or configuring a VMware-based solution. In addition, the VPN Gateway provides investment protection by being able to scale up to 4,000 VPN tunnels without purchasing or deploying any additional licenses. Customers can start small and don't have to worry about purchasing additional licenses to add more capacity when needed. The VPN Gateway can also terminate thousands of GRE tunnels for guest traffic from Aerohive access points.

#### Dynamic Routing Integration

The VPN Gateway can integrate with standards-based dynamic routing protocols such as OpenShortest Path First (OSPF) and Routing Information Protocol version 2 (RIPv2) to collect routing information from corporate routers and distribute the necessary information to the Aerohive Branch Routers. Similarly, it can also collect routing information from branch router devices and advertise it to surrounding corporate devices to provide paths to the remote networks. Dynamic routing capabilities allow efficient use of WAN resources, reduce traffic congestion, and enhance remote site survivability.

For more information, visit [www.aerohive.com/products](http://www.aerohive.com/products).

### Branch on Demand Solution

Aerohive's Branch on Demand™ is a cloud enabled networking solution for remote locations that simplifies provisioning, management, security, and troubleshooting for remote deployments. The solution enables enterprises to provision branch office networks and teleworkers instantly, on-demand, with the robust Layer 2-7 corporate policy enforcement, enterprise class network visibility and remote remediation capabilities previously only available in complex, large branch solutions. This breakthrough teleworker and branch office networking solution enables all these advanced networking features across hundreds or thousands of branches and teleworkers with straight-to-site delivery and instant on-demand provisioning starting at \$99 per year per office.

The heart of the Branch on Demand solution is the BR branch router platforms. Based on our robust HiveOS operating system, the BR routers require virtually no intervention from the end user at all. They simply plug the compact branch router in, and the device will leverage Aerohive's Cloud Services Platform to do the rest. The branch router will automatically find its HiveManager, whether it is located in the cloud or on premises, download the corporate wired and wireless security policies, establish its VPN connection, and the office is up and running in minutes. No need to pre-provision the hardware, download client software onto each user device, or train users on VPN use.

Operation is almost this simple from the administrator's point of view as well. Admins simply set up the configuration and provide the parameters for branch routers to acquire the config. Unified wired and wireless policies make it particularly easy to configure an entire network solution for all types of connected clients. Then, when a device comes online, HiveManager will automatically push the configuration to the device. HiveManager is completely out-of-band, so a WAN disturbance does not affect the branch network or the Aerohive WLAN at all. And because HiveManager provides a single centralized interface to configure and manage both Aerohive access points and branch office devices, managing a thousand devices is literally as easy as managing one.

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## Product Specifications

### Dynamic Routing

- OSPF
- RIPv2
- Cooperative Control route distribution for connected Aerohive branch routers

### Layer 3 IPsec VPN

- Remote office IPsec-based VPN solution
- Profile-based split tunneling with NAT support
- Redundant tunnel support

### Static Routing

- Static route support for corporate connected resources
- Cooperative Control route distribution for connected Aerohive branch routers

### VPN Reporting

- Provides connectivity and latency reports to

### HiveManager

- Tracks throughput and connectivity of connected Aerohive branch routers and sends this information to HiveManager

### Management

- Central Management
  - via HiveManager
  - via HiveManager Online
- Device Configuration
  - CLI via Telnet, SSHv2, or console
- Monitoring
  - SNMP v1, v2c, and syslog

### Interfaces

- 6x10/100/1000Mbps Half/Full duplex Ethernet ports
  - 1 x WAN port
  - 1 x LAN port (optional)
  - 4 x reserved for future use
- 1 RJ45 console port
- 1 Reset button to reset (on press) and load factory default settings (when pressed for more than 5 seconds)
- 2x Type-A USB 2.0 port backward compatible with USB1.1, reserved for future use

### VPN

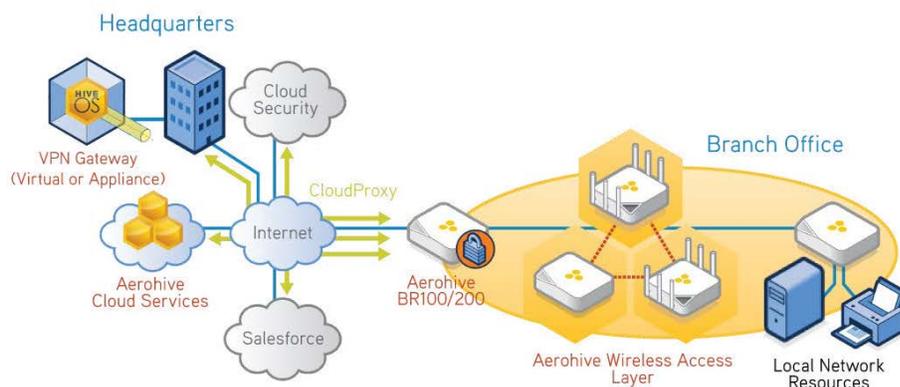
- 4K Tunnels
- 900 Mbps

### Environmental

- Operating: 0 to +40 degrees C
- Storage: -20 to +70 degrees C
- Humidity: 5% to 95% RH (non-condensing)

### Power

- 100-240V AC, 50-60Hz, 4-2A



## SKUs & Accessories

| SKU                         | Description  |
|-----------------------------|--|
| <b>Aerohive VPN Gateway</b> |  |
| AH-VG-1U                    | Aerohive VPN Gateway   |
| AH-HM-LIC-1VG               | HiveManager 6 Perpetual license for one (1) Aerohive VGN Gateway |

## Warranty and Support

Every Aerohive Networks device is backed by a limited lifetime hardware warranty. Extended product and technical support may be purchased separately and can include next day advanced replacement, 24x7 or 8x5 technical support, web and email support access, and software updates. For complete support terms go to [www.aerohive.com/support](http://www.aerohive.com/support).

**Contact us today** to learn how your organization can benefit from an Aerohive wireless LAN architecture.