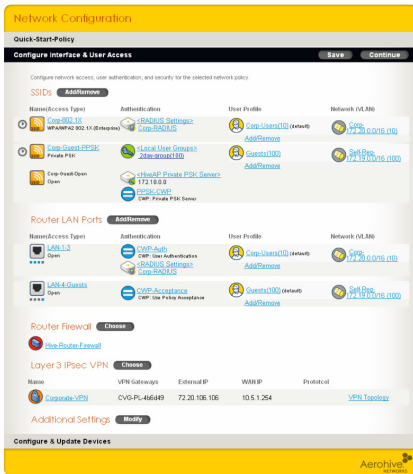


HiveManager 5.0 is an enterprise-class NMS for Aerohive APs and branch routers.

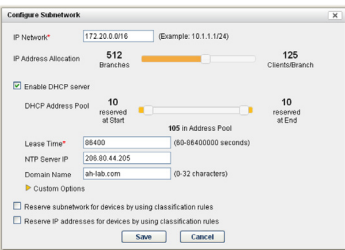
HiveManager 5.0 Network Management System

Aerohive Networks HiveManager NMS is a management system for Aerohive access points and branch routers. HiveManager enables simple policy creation, firmware upgrades, configuration updates, and centralized monitoring from a single console.



Guided configuration of unified wired and wireless Network Policies.

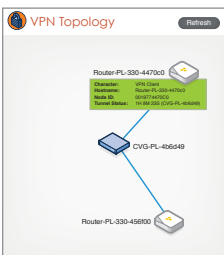
The Aerohive WLAN system combines enterprise-class access points with a suite of Cooperative Control protocols and functions, as well as innovative routers with L3 routing and switching. The solution provides all of the benefits of a controller-based WLAN solution without requiring a controller or an overlay network. Aerohive's operating system, HiveOS, enables Aerohive devices to organize into groups, or "hives." Although a hive of APs and routers is able to operate independently, HiveManager provides a centralized management instance for the entire wireless network which enables global policy management as well as the configuration and monitoring of many APs and routers. HiveManager lowers operating costs by speeding deployment, configuration and monitoring of the wireless network. Because HiveManager functions out-of-band, the APs and routers are fully functional, even when disconnected from the HiveManager.



Convenient IP Address Management.

HiveManager is available as an on-premise appliance or VMware-based virtual appliance, that can be installed into the network in minutes. The platform supports 100 concurrent administrators through the web-based administration GUI, which features customizable dashboard and reporting. HiveManager can be configured to run in the streamlined Express mode, designed to support Wi-Fi networking only, or the more advanced Enterprise mode which also supports routing.

HiveManager is accessible via a web browser on Windows, Linux, or Mac OS X, providing an application-like AJAX interface with which to access the device. With advanced features like zero-configuration deployment and virtual HiveManagers, HiveManager offers market-leading features, segmentation, and ease of use.



VPN Topology Map.

Product	Maximum APs	Max. Virtual HiveManager	Hard Drive	Power Supply
HiveManager	500	5	Single	Single
HiveManager High-Capacity	5000	500	RAID 1 Redundancy	Redundant
HiveManager Virtual Appliance	1500*	500	n/a**	n/a**

* Based on VMware hardware specifications. ** Based on host platform's hardware configuration.

[Contact us today](#) to learn how your organization can benefit from Aerohive networking solutions.

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Product Specifications

HiveManager Device Specifications

- Form factor: 1U rack-mountable device
- Chassis dimensions: 16 13/16" W x 1 3/4" H x 15 13/16" D (42.7 cm W x 4.4 cm H x 40.2 cm D)
- Weight: 13.75 lb. (6.24 kg)
- Serial port: male DB-9 RS-232 port (bits per second: 9600, data bits: 8, parity: none, stop bits: 1, flow control: none)
- USB port: standard Type A USB 2.0 port
- Two Ethernet ports: MGT and LAN – autosensing 10/100/1000Base-T

Power Specifications

- ATX (Advanced Technology Extended) autoswitching power supply with PFC (power factor corrector):
 - Input: 100 – 240 VAC
 - Output: 250 watts
- Power supply cord: standard three conductor SVT 18AWG cord with an NEMA5-15P three-prong male plug and three-pin socket

Environmental Specifications

- Operating temperature: 32 to 140°F (0 to 40°C)
- Storage temperature: -4 to 176°F (-20 to 80°C)
- Relative humidity: 10% – 90% (noncondensing)

VMWare Specifications

Host Platform Minimum Hardware:

- Processor: Dual Core 2GHz or better
- Memory: 2GB dedicated to the VM, at least 1GB dedicated to the host
- Disk: Min. of 10GB dedicated to VM
- VMware may impose additional requirements

Tested Virtualization Platforms

- ESXi 4.0 or better
- Player on CentOS
- Player on Windows Vista

HiveManager High-Capacity Device Specifications

- Form factor: 2U rack-mountable device
- Chassis dimensions: 16 13/16" W x 3 1/2" H x 17" D (42.7 cm W x 8.9 cm H x 43.2 cm D)
- Weight: 34 lb. (15.42 kg) without rails
- Serial port: male DB-9 RS-232 port (bits per second: 9600, data bits: 8, parity: none, stop bits: 1, flow control: none)
- Two USB ports: standard Type A USB 2.0 ports
- Two Ethernet ports: MGT and LAN – autosensing 10/100/1000Base-T

Power Specifications

- Redundant ATX (Advanced Technology Extended) autoswitching power supply with PFC (power factor corrector):
 - Input: 100 – 240 VAC
 - Output: 700 watts
- Power supply cord: standard three conductor SVT 18AWG cord with an NEMA5-15P three-prong male plug and three-pin socket

Environmental Specifications

- Operating temperature: 32 to 140°F (0 to 40°C)
- Storage temperature: -4 to 176°F (-20 to 80°C)
- Relative humidity: 10% – 90% (noncondensing)

Product Features

Simple Central Management

- Single central management instance for thousands of devices, across wireless, VPN, routing and wired networks
- User group policies can be applied network-wide or to individual APs and branch routers, and consistently across both wireless and wired network.
- Powerful policy templating feature enables updates to entire groups of APs and branch routers with a few clicks
- Simple centralized firmware upgrades with distributed download functionality to decrease WAN utilization & download time

RF Visualization

- Network maps enable easy visualization of topology and status
- Real-time heat-maps show RF propagation within a network
- State-of-the-art Planning Tool with multi-floor auto-placement and coverage maps
- Built-in client and rogue location detection and placement on a floorplan
- Spectrum analysis to detect and identify sources of interference in the environment at either 2.4GHz or 5GHz

HiveManager Virtualization

- Provides the ability to run multiple virtual HiveManagers on a single HiveManager appliance
- Virtual HiveManagers enable complete separation of administration for large enterprises, managed services, and multi-tenant environments
- Supports up to 500 virtual HiveManagers

Zero Config Installation AP Deployment

- APs and branch routers can automatically discover their HiveManager on the same subnet or use DNS, DHCP or the Aerohive Staging Server to find a HiveManager anywhere in the world
- Automatically provision or quarantine new APs and branch routers

High Availability

- Disaster recovery high availability support with automated database synchronization
- Designed to work across multiple sites and/or data centers

Granular Control

- Detailed user-based policy for QoS and security features such as VPN, firewall, and schedules
- Configuration of cloud proxy to split Internet and corporate VPN traffic, with integration to Websense SaaS
- Configuration of L3 IPsec VPNs
- Dynamic IP allocation
- Automatic and flexible IP address allocation and distribution across entire remote branch network and automatic and flexible L3 IP address allocations and distribution across entire remote network
- TeacherView Cart Application included to monitor and redirect student wireless clients during class time

Reporting and Monitoring

- Real-time monitoring of alarms and events from the APs.
- Configuration audit capabilities ensure all configurations are up to date.
- Central collection and alerts of rogue and external APs and Clients.
- VPN dashboard with throughput, latency and availability.

Hardware Options

- Redundant hard drive and power supply options

SKU	DESCRIPTION
HiveManager	
AH-HM-VA	HiveManager NMS Virtual Appliance with included 3 VHM licenses, 0 HiveAP licenses VMware ESX or Player
AH-HM-NR-1U	HiveManager (1U) NMS Appliance with included 3 VHM licenses, 0 HiveAP licenses, non-redundant HDD and power supply
AH-HM-R-2U	AH-HM-R-2U High Capacity HiveManager (2U) NMS Appliance with included 3 VHM licenses, 0 HiveAP licenses, redundant HDD and power supply; HA capable
HiveManager Licenses	
AH-HM-LIC-1AP	1 HiveAP license for HiveManager
AH-HM-LIC-1VHM	1 VHM license for HiveManager
AH-HM-LIC-GM	License to enable GuestManager on the HiveManager platform
HiveManager Accessories	
AH-ACC-PWR-HCHM	Spare power supply for HighCapacity HiveManager
AH-ACC-PWR-HM	Spare power supply for HiveManager