

UniFi® Security Gateway

Enterprise Gateway Router with Gigabit Ethernet



EMV00-000 Front Panel



EMV00-000 Top Panel



EMV00-PR4 Front Panel



EMV00-PR4 Back Panel

Description

The UniFi® Security Gateway extends the UniFi Enterprise System to encompass routing and security for a network. Offering advanced security, monitoring, and management, the UniFi Security Gateway combines reliable security features with high-performance routing technology in a cost-effective unit. Two models available:

- EMV00-000 is a wall-mountable form factor with a dual-core, 500 MHz processor for standard hardware-accelerated performance
- Compact form factor and fanless operation for discreet integration
 - (3) 10/100/1000 RJ45 Ports*
 - (1) RJ45 serial console port
 - Quiet, fanless operation
 - Layer 3 forwarding performance
 - Packet Size of 64 Bytes: 1,000,000 pps
 - Packet Size of 512 Bytes or Larger: 3 Gbps (Line Rate)
- EMV00-PR4 is a rack-mountable form factor with fiber connectivity options and a dual-core, 1 GHz processor for maximum hardware-accelerated performance
- Offers optional SFP ports for fiber connectivity to support back haul applications
 - (2) 10/100/1000 RJ45 LAN Ports
 - (2) 1 Gbps RJ45/SFP combination WAN Ports**
 - (1) RJ45 serial console port
 - Layer 3 forwarding performance
 - Packet size of 64 bytes: 2,400,000 pps
 - Packet size of 512 bytes or Larger: 4 Gbps (Line Rate)
- Management software provided via permanently installed Cloud Key, one required per network, software hosted on technician's computer, or through APP. Recommended to use Cloud Key anytime access points is being used or if there are 2 or more switches on the network.

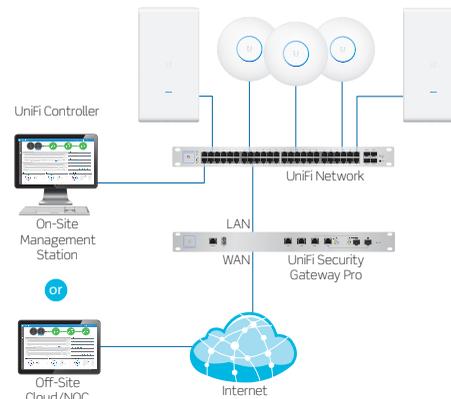
* VOIP port is available for port remapping in UniFi v5

** The USG-PRO-4 WAN port, as a result of being a combination SFP/GigE port, is a pure 1 Gbps port - it is incapable of both 10 Mbps and 100 Mbps FDx/HDX settings

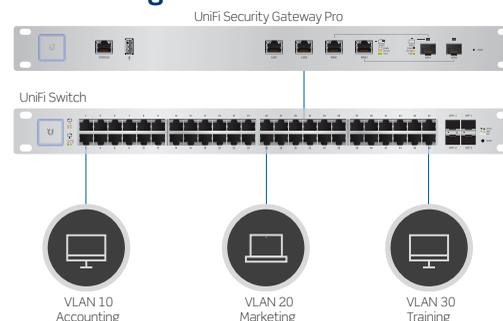
Features

- **Powerful Firewall Performance**—the UniFi Security Gateway offers advanced firewall policies to protect a network and its data
- **Convenient VLAN Support**—the UniFi Security Gateway can create virtual network segments for security and network traffic management
- **VPN Server for Secure Communications**—a site-to-site VPN secures and encrypts private data communications traveling over the Internet

System Example



Network Segmentation with VLAN



UniFi Controller Software

The UniFi Controller Software features a refreshed UI and support for the next generation of UniFi devices.

- **Improved User Experience**—designed for intuitive and easy navigation, the UI raises the bar for enterprise network management efficiency. Important network details are logically organized for a simplified, yet powerful, interface.
- **Packed with Features**—use the UniFi Controller to provision thousands of UniFi APs and UniFi Security Gateways, map out networks, quickly manage system traffic, and provision additional UniFi devices.
- **Network Overview**—a comprehensive overview of a network’s health is readily available in the dashboard. Monitor a network’s vitals and make on-the-fly adjustments as needed.

- **Detailed Analytics**—use the configurable reporting and analytics to monitor large user groups and expedite troubleshooting; advanced search and sorting capabilities make network management more efficient.
- **Multi-Site Management**—a single UniFi Controller running in the cloud can manage multiple sites: multiple, distributed deployments and multi-tenancy for managed service providers; each site is logically separated and has its own configuration, maps, statistics, guest portal, and administrator read/write and read-only accounts.
- **LAN/WLAN Groups**—the UniFi Controller can manage flexible configurations of large deployments; create multiple LAN and WLAN groups and assign them to the respective UniFi devices.



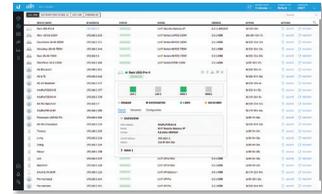
Dashboard

Visual representation of a network’s status with basic information about each network segment.



Maps

Upload a map of location(s) or use Google Maps to represent the areas where UniFi devices are located. Use the predictive map feature to get a preview of coverage to avoid dead spots.



Device Configuration

The Devices screen displays a list of UniFi devices discovered by the UniFi Controller. Access each managed device for device details and configuration.

Specifications

	EMV00-000	EMV00-PR4
Max. Power Consumption	7W	40W
Power Supply	12VDC, 1A Power adapter (Included)	Internal AC/DC Power adapter, 60W (24V, 2.5A)
Power Input	9 to 24VDC, Supported Voltage Range	110 - 240VAC
LEDs System Serial Console Port Data Ports	Status Power Speed/Link/Activity	Status Speed/Link/Activity
Networking Interfaces Serial Console Port Data Ports	(1) RJ45 Serial port (3) 10/100/1000 Ethernet ports*	(1) RJ45 Serial Port (2) 10/100/1000 RJ45 LAN Ports (2) 1 Gbps RJ45/SFP Combination WAN Ports
Layer 3 Forwarding Performance Packet Size: 64 Bytes Packet Size: 512 Bytes or Larger	1,000,000 pps 3 Gbps (Line Rate)	2,400,000 pps 4 Gbps (Line Rate)
Processor	Dual-Core 500 MHz, MIPS64 with hardware Acceleration for packet processing	Dual-Core 1 GHz, MIPS64 with hardware Acceleration for packet processing
System Memory	512 MB DDR2 RAM	2 GB DDR3 RAM
On-Board Flash Storage	2GB	4GB
Wall or Rack Mount	Wall	Rack
Dimensions	5.32:" x 5.32" x 1.11" (135 x 135 x 28.3 mm)	19.06: x 1.73" x 6.46" (484 x 44 x 164 mm)
Weight	12.9 oz (366 g)	5.07 lb (2.3 kg)
Operating Temperature/Humidity	14° to 113° F (-10° to 45° C), 10 to 90% non-condensing	
Certifications	CE, FCC, IC	

Ordering Information

Cat. No.	Description
EMV00-000	Enterprise Security Gateway Router with Gigabit Ethernet
EMV00-PR4	Enterprise Security Gateway Router Pro with Gigabit Ethernet
EMC00-000	Cloud Key Controller with Integrated Application Server, White

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