UTM Content Security Gigabit Gateway

CS-950

Quick Installation Guide

Table of Contents

1.	Package Contents				
2.	Hardware Introduction 4				
	2.1	Hardware Interface 4			
	2.2	Hardware Installation			
		2.2.1 Desktop Installation			
		2.2.2 Rack Mounting			
3.	Setu	p of the UTM Content Security Gateway9			
	3.1	Requirements			
	3.2	Logging in to the Security Gateway9			
	3.3	Setting the LAN/WAN IP Interfaces10			
4.	Арре	endix11			
5.	Further Information				

1. Package Contents

- CS-950 x 1
- Quick Installation Guide x 1
- Adapter x 1
- Power Cord x 1
- Console Cable x 1
- Ethernet Cable x 1
- Screw Package x 1
- Rack-mount Ear x 2
- Feet Pads x 4

If any of the above items are damaged or missing, please contact your dealer immediately.

2. Hardware Introduction

The following are instructions for setting up PLANET CS-950. Refer to the illustration and follow the simple steps below to quickly install your UTM Content Security Gateway.

2.1 Hardware Interface

Front Panel:



- **Power Indicator:** Lights up when the power is on.
- **System Indicator**: Blinks frequently when system is rebooting. When it starts to blink irregularly, the system boots successfully.

■ Ethernet Port 1~4 Indicators:

Port	t Description					
	LED1 (Right)	Green	"Steady on" indicates the port is connected to a network device. "Blink" indicates there is traffic on the port.			
1~4	LED2 (Left)	Green	"Steady on" indicates the port is connected at 1000Mbps speed.			
		Orange	"Steady on" indicates the port is connected at 100Mbps speed.			
		Off	"Turn off" indicates the port is connected at 10Mbps speed.			

Rear Panel:



- **DC in:** 12V DC, 3.3A power input.
- Console Port: A DB-9 console port (115200, 8, N, 1) to inspect internal network setting, or restore to its factory default.
- **USB Port:** USB 2.0 port for system configuration backup and recovery.

■ **Reset Button:** Power on the device and press the reset button for five seconds to reboot it or twenty seconds to restore it to factory default settings.

■ Port 1~4:

Port	Description				
1	It is a LAN port for connecting to a switch.				
2	It is a WAN port for connecting to a perimeter router.				
3	Default is off. It can be defined as LAN Port or WAN Port.				
4	Default is off. It can be defined as WAN Port or DMZ Port. DMZ Port is for providing the public with services, such as email or Web, using a physically-separated network segment, while at the same time preventing any potential security threats.				

Port LED Indications:

LED	State	Description
	D1 Green	Port is connected at the 1Gbps.
Port1~4	D1 Orange	Port is connected at the 100Mbps.
D2 D1	D1 Off	Port is connected at the 10Mbps.
	D2 Flashing Green	Network Activity at the Port.
	D2 Green	Correct cable is used and power is on port.
	D2 Off	No link.



The reset button is an SMT component; please don't press it too hard. Otherwise, damage to reset function may happen.

2.2 Hardware Installation

2.2.1 Desktop Installation

To install the CS-950 on desktop, simply follow the following steps:

Step 1: Attach the rubber feet to the bottom of the CS-950.



Step 2: Place the CS-950 on desktop.

Step 3: Keep enough ventilation space between the CS-950 and the surrounding objects.



When choosing a location, please keep in mind the environmental restrictions should be under the specifications of CS-950.

Step 4: Connect your CS-950 to hub / switch.

- **A.** Connect one end of a standard network cable to the LAN port (port 1) on the rear panel of the CS-950.
- **B.** Connect the other end of the cable to the hub / switch.



The UTP Category 5, 5e, 6 network cabling with RJ45 tips is recommended.

Step 5: Connect your CS-950 to internet.

- **A.** Connect one end of a standard network cable to the WAN port (port 2) on the rear panel of the CS-950.
- **B.** Connect the other end of the cable to the ADSL router's LAN port or an upper layer port to outer network layer.



If there is only one line connected to the outer network in your network environment, it is suggested that you use WAN port (port 2).

Step 6: Power on the CS-950 by the included 12V/3.3A DC adapter. When the CS-950 receives power, the Power LED should remain solid Green.

2.2.2 Rack Mounting

To install the CS-950 in a 19-inch standard rack, follow the instructions described below.

- **Step 1:** Place your CS-950 on a hard flat surface, with the front panel positioned towards your front side.
- **Step 2:** Attach a rack-mount bracket to each side of the CS-950 with supplied screws attached to the package. In the picture below, it shows how to attach brackets to one side of the CS-950.





You must use the screws supplied with the mounting brackets. Damage caused to the parts by using incorrect screws would invalidate the warranty.

- Step 3: Secure the brackets tightly.
- **Step 4:** Follow the same steps to attach the second bracket to the opposite side.
- **Step 5:** After the brackets are attached to the CS-950, use suitable screws to securely attach the brackets to the rack, as shown in the picture below.





The width of the rack should be at least 453 mm.

Step 6: Proceed with Steps 4, 5 and 6 of session 2.2.1 Desktop Installation to connect the network cabling and power on the CS-950.

3. Setup of the UTM Content Security Gateway

3.1 Requirements

Please confirm the following items before configuration:

- 1. Please confirm the network is working properly: It is strongly suggested to test your network connection by connecting your computer directly to ISP.
- 2. Suggested operating systems: Windows 7 / 8 / 10.
- 3. Recommended web browsers: IE / Firefox / Chrome.

3.2 Logging in to the Security Gateway

Then refer to the steps to configure the CS-950:

- Step 1: Connect the IT administrator's PC and CS-950's LAN port (port 1) to the same hub / switch, and then launch a browser to link the management interface address which is set to http://192.168.1.1 by default. Therefore, the IP addresses of LAN PC must be configured within the range between 192.168.1.2 and 192.168.1.254 inclusively, and assigned the subnet mask of 255.255.255.0.
- Step 2: The browser prompts you for the login credentials. (Both are "admin" by default.)

ttp://102.168.1.1	recuires a	username and p	assword
our connection to	o this site is	s not secure	359010.
User Name:	admin		
Password:	****		
		Log In	Cancel

Default IP Address: **192.168.1.1** Default User Name: **admin** Default Password: **admin**



Administrators are strongly suggested to change the default admin and password to ensure system security. Please follow these steps: **Configuration > Administration > Administrator > Account and Privilege**. And then click on **"Save"** to complete setting.

3.3 Setting the LAN/WAN IP Interfaces

Step 1: Click on Network > Interface > LAN (Port 1) to configure the LAN settings. Lastly, click on "Save" to complete the setup.

→ 1.Click on Network>Interface> LAN							
MENU Network Interface 2.Configure the LAN Interface Settings							
 Configuration 	Network > Interface						
 Network 							
 Interface Interface (IPv6) 	LAN Interface Setting						
Routing 802.10	Name	Lan	Interface Type	LAN			
Policy	Interface Name	ethO	Enable	NAT ¥			
• Other	IP Address	192.168.1.1	Netmask	255.255.255.0			
• Objects	Up Speed	1024000 (Kbps)	Down Speed	1024000 (Kbps)			
 Network Services 	MAC Address	A8:F7:E0:4C:0A:FD					
 Advanced Protection 	Speed and Duplex Mode	Auto • 1000Mb/Full Log	MTU	1500			
 Mail Security 	~						
• IDP	ARP Spoofing Prevent	ion					
SSL VPN	Chable Every 50	Seconds(range: 1=ouo), send 5 times in a roi	r				
Contont Record	Administrator Manage	ment					
	Administrator Management	Ping Phtre HTTPS					
• VPN							
 Tools 		Save Save					
■ Logs →3. Click "Save" to complete the setu					ne setup		

Step 2: Click on Network > Interface > WAN 1 (Port 2) to configure the WAN settings. Lastly, click on **"Save"** to complete the setup.

MENU	Network > Int	erlace	→2. Co	nfigure the	WAN Inter	face settings
nfiguration			0 000	. 0		
nterface		AN_1 WAN	_2 DM2 Internat	econing		
nterface (IPv6) Routing	Name			Interface Type		A/AN
02.1Q	Interfere Menue	and a d	•	Constantion To		055 -
icy	Interface Name	etni		Connection 13	pe (UFF V
ects	IP Address			Netmask	[255.255.256.0
work Comisso	Default Gateway			MAC Address		A8:F7:E0:40:0A:FE
HUIK Selvices	Up Speed			Down Speed		
anced Protection		Auto	• Las	MTU		1500
I Security	Load Balance	Auto		Manual		1 •
		By So	Ince IP	Ry Destin	tion IP	
VEN		0 0 30	arce in-	- by bestin	ation in-	
	WAN Alive Det	tection				
ntent Record	Detection Method	(DNS ®ICMP ©N	NE Log	Detected IP Ad	dress 168.95.192.1
N	Administrator Mana	agement 🛛	l Ping 🔲 HTTP 🗷 HT	rps		
ls						
s	IP Tunnel Sett	ing				
	Tunnel Name	Tunnel 1	3	Status	• E	nable 🔍 Disable
lus	Firewall Prote	ction				
	Firewall Protection	ltems	SYN DI	MP UDP Po	rt Scan 🛛 🚺	
	~					
	Ceneral Settin	g				[100 00 100 1
	DNS Server 1		168.95.1.1		DNS Server 2	168.95.192.1
	HTTP Port		80		HTTPS Port	443
	Wan Alive Detectio	n Period	5 (1~60)	Seconds	Idle Timeout	60 (5~60) Minutes
				Save		

4. Appendix

Appendix A: Default Setting					
Default IP Address	192.168.1.1				
Default Login User Name	admin				
Default Login Password	admin				
Default DHCP Server	On				
Default LAN Port	Ethernet Port 1				
Default WAN Port	Ethernet Port 2				

Appendix B: User's Manual				
User's Manual				

5. Further Information

Thank you for purchasing PLANET CS-950. The above steps introduce the simple configuration of the CS-950. If you have other questions, please contact the local dealer where you purchased this product or you can contact PLANET directly at the following email address: support@planet.com.tw.

Copyright © PLANET Technology Corp. 2017.

Contents are subject to revision without prior notice.

PLANET is a registered trademark of PLANET Technology Corp. All other trademarks belong to their respective owners.