

UTM Content Security Gateway

CS-2001

Quick Installation Guide

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1. Package Contents

CS-2001

- CS-2001 x 1
- Quick Installation Guide x 1
- User's Manual CD x 1
- Power cord x 1
- Console cable x 1
- Cat6 Cable x 4
- Screw Package x 1
- Rack-mount ear x 2
- Mat x 4
- Content list x 4

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

2. Setup the UTM Content Security Gateway

The followings are instructions for setting up PLANET CS-2001. Refer to the illustration and follow the simple steps below to quickly install your UTM Content Security Gateway.

Safety Instruction

The following is the safety instructions for UTM Content Security Gateway before installing.

>> The maximum operating temperature of the UTM is 50°C. Care must be taken to allow sufficient air circulation or space between units when the UTM is installed inside a closed rack assembly and racks should safely support the combined weight of all UTM.

>> The connections and equipment that supply power to the UTM should be capable of operating safely with the maximum power requirements of the UTM. In the event of a power overload, the supply circuits and supply wiring should not become hazardous.

>> The AC power cord must plug into the right supply voltage. Make sure that the supplied AC voltage is correct and stable. If the input AC voltage is over 10% lower than the standard may cause the UTM to malfunction.

>> Generally, when installed after the final configuration, the product must comply with the applicable safety standards and regulatory requirements of the country in which it is installed. If necessary, consult for technical support.

3. Hardware Installation

Front panel:

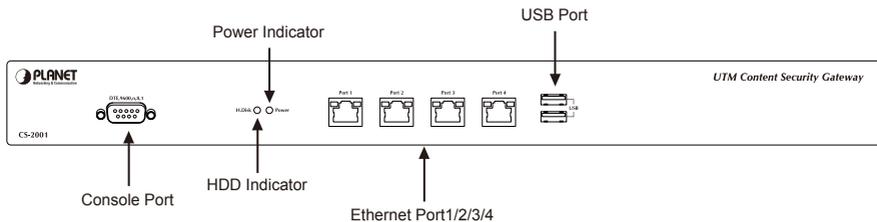


Figure 1. Front Panel of the CS-2001

- **Power Indicator:** Lights up when the power is on.
- **HDD Indicator:** Glitters when system is accessing data from the HDD.
- **Console Port (9600, 8, N, 1):** A RS-232 console cable connect this serial port for checking network interface setting and can reset to factory setting.
- **Ethernet Port 1/2/3/4** can be set as a:
 - LAN Port: Connects to the Intranet.
 - WAN Port: Connects to the perimeter router.
 - DMZ Port: The demilitarized zone (DMZ) is a physical subnet for securing the Local Area Network. It allows the externals users to access the company's external network.
 - USB Port: If the firmware damage issue result the device can't boot normally, use the USB device to upgrade (recovery) the firmware in order to make this be normal.

LED / Port	Description		
WAN LAN DMZ	LED1 (Left)	Orange	Steady on indicates the port is connected to other network device. Blink to indicates there is traffic on the port
		Orange	Steady on indicates the port is connected at 1000Mbps speed
	LED2 (Right)	Green	Steady on indicates the port is connected at 100Mbps speed
		Off	The LED off to indicate the port is connected at 10Mbps speed

CS-2001 Topology:

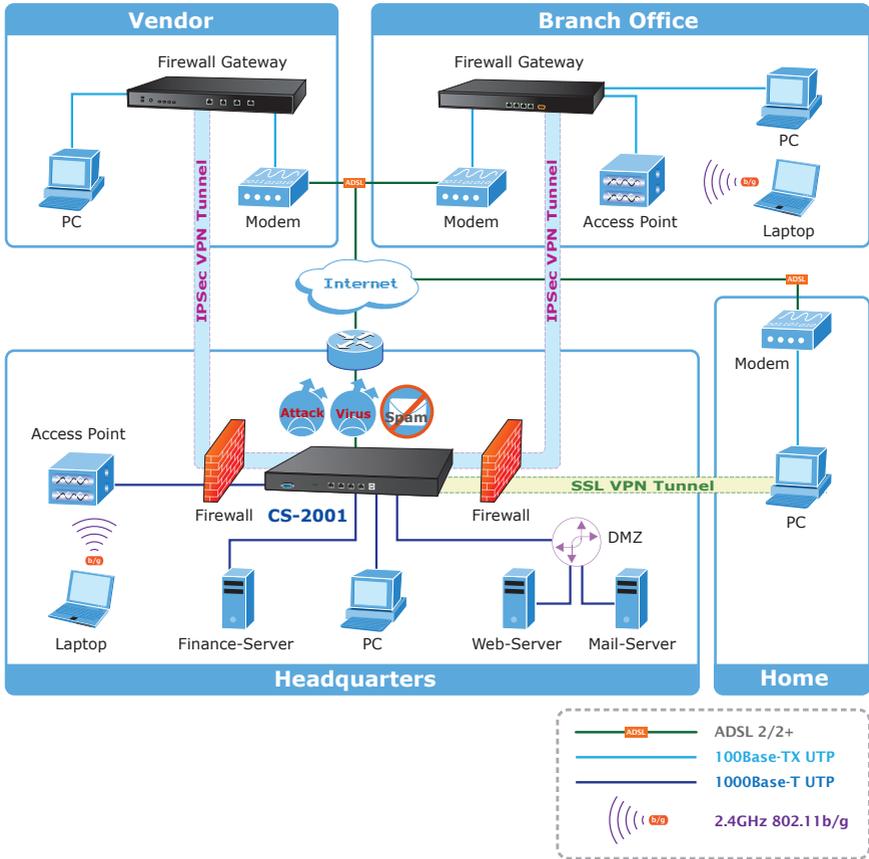
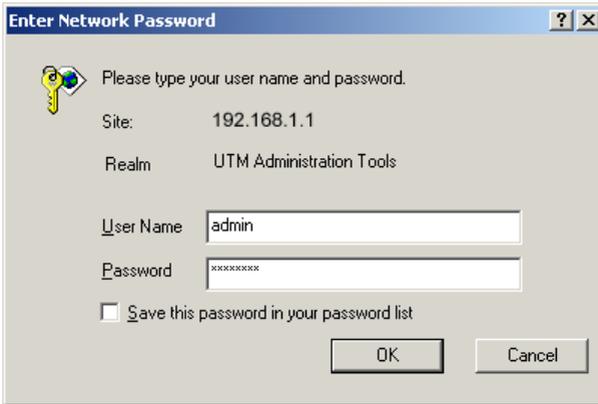


Figure 2. Topology of the CS-2001

4. Basic System Configuration

- Step 1.** Connect both the IT administrator's PC and the device's LAN port to the same hub / switch, and launch a browser (e.g., IE or Firefox) to access the management interface address which is set to <http://192.168.1.1> by default.
- Step 2.** You will be prompted for user name and password when accessing the management interface. (both of user name and password are "admin" by default)



Enter Network Password

Please type your user name and password.

Site: 192.168.1.1

Realm: UTM Administration Tools

User Name: admin

Password: *****

Save this password in your password list

OK Cancel

Figure 3. Typing the User Name and Password

Step 3. The user interface consists of the following two panels:

- **Menu Panel:** Presents all the available system configurations in a tree directory structure. (see Overview of Functions)
- **Configuration Panel:** Displays the data or configurable settings of the corresponding item selected on the Menu Panel.



Figure 4. The CS-2001 User Interface



For your reference, you may configure your management address based on the available subnet ranges below.

10.0.0.0 ~ 10.255.255.255

172.16.0.0 ~ 172.31.255.255

192.168.0.0 ~ 192.168.255.255

Step 4. If it's the first time you've logged into the management interface, an install wizard will appear to guide you through setting some of the basic settings required. System > Configuration > Installation Wizard.



Figure5. The Install Wizard

Setp 5. Select the language for the user interface and the default character encoding.

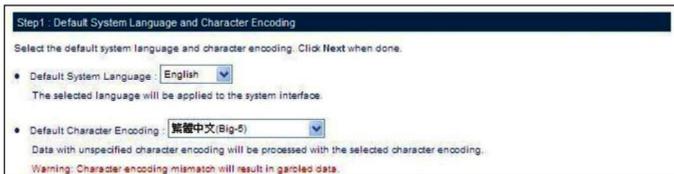


Figure6. Selecting the Language and Default Character Encoding

Important

Any data saved on the interface will be saved as the selected default character encoding if the device is unable to recognize the encoding.

Step 6. The LAN interface address must reflect your network environment. The default LAN interface is set to 192.168.1.x/24. However, if the LAN interface was changed to 172.16.0.1 (subnet mask: 255.255.255.0), the IT administrator must configure each PC in the subnet using an available IP address from this subnet.

- **Setting:** Select Port1 (LAN1).
- **Interface:** Select LAN.
- **LAN Interface Mode:** Select NAT / Routing Mode.
- Fill in the **IP Address** and Netmask **fields**.

Step2 : Interface Settings

Configure the interface settings for physical connections respectively. Click **Next** when done.

Physical Connection :

Interface Settings

Interface Designation : LAN1

Interface Type : Disabled LAN WAN DMZ Bonding

Connection Type : [Help](#)

IPv4 Settings

IPv4 Address :

Netmask :

MAC Address :

IPv6 Settings

Connecting using :

IPv6 Address :

Prefix Length :

Enable Any IP Routing [Help](#)

Access by / via : Ping HTTP HTTPS Telnet SSH

[Help](#)

[< Back](#) [Next >](#)

Figure7. Interface Settings

Important

Once the LAN interface is changed, please enter the new LAN IP address in the browser next time when you log in the CS-2001 Web UI.

Step 7. Configure the WAN Interface (please refer to your ISP for the settings).

- **Setting:** Select Port2(WAN1)
- **Interface:** Select WAN
- **Connection Mode:** Select the required mode
- Configure the remaining settings.

The screenshot shows a web-based configuration interface for a WAN interface. The title is "Step2 : Interface Settings". Below the title, there is a instruction: "Configure the interface settings for physical connections respectively. Click **Next** when done." The "Physical Connection" is set to "Port1". The "Interface Settings" section includes: "Interface Designation : WAN3", "Interface Type" with radio buttons for Disabled, LAN, WAN (selected), DMZ, and Bonding; "Connection Type" with radio buttons for Static IP Address (Leased Line User) (selected), Dynamic IP Address (Cable Modem User), and PPPoE (ADSL Dial-Up User); "IPv4 Settings" with fields for IPv4 Address (210.66.155.84), Netmask (255.255.255.0), IPv4 Default Gateway (210.66.155.94), and MAC Address (00:60:E0:4F:B0:67); "IPv6 Settings" with a dropdown for "Connecting using" set to "Auto-configuration" and empty fields for IPv6 Address, Prefix Length, and IPv6 Default Gateway; "Max. Downstream Bandwidth" and "Max. Upstream Bandwidth" both set to 512000 Kbps (1 - 512000); "Keepalive Properties" with a "Help" button, "Type" set to ICMP, "Alive Indicator Site IP" set to 8.8.8.8, and "Minimum Interval" set to 5 seconds (0 - 99, 0: no detection); "NAT Redirection" set to "Auto-configuration" with a "Help" button; and "Access by / via" with checkboxes for Ping, HTTP, HTTPS, Telnet, and SSH, all of which are checked. At the bottom right, there are "< Back" and "Next >" buttons.

Figure 8. The WAN Settings

Step 8. Tick the **Synchronize to an NTP Server** box to ensure the system is provided with the accurate time.

System time: Mon, Mar 12 11:05:46 2012

Step3: Synchronization Settings

To ensure the reliability of recorded data, configure the time zone and synchronization settings. Click Next when done.

- Time Zone Setting :
The hours offset from GMT: [Assist Me](#)
- Synchronization Settings :
 Synchronize to an NTP server
 Observe daylight-saving time from / To /
Server IP or Hostname [Assist Me](#)
Update Interval: minutes (0 - 99999, 0: updated when system reboot)

< Back Next >

Figure 9. Time Settings

Step 9. Enable **Outgoing**.

Step4: Default Policy Settings

Select your desired policy types to create required policies. Click Next when done.

- Outgoing
- Incoming
- WAN to DMZ
- LAN to DMZ
- DMZ to WAN
- DMZ to LAN
- LAN to LAN
- DMZ to DMZ

< Back Next >

Figure 10. Enabling an Outgoing Policy

1. Go to **Policy > Outgoing** and configure as below:

- **Source Address:** Select Inside_Any
- **Destination Address:** Select Outside_Any
- **Service:** Select ANY

Source	Destination	Service	Action	Options	Configuration	Priority
Inside_Any	Outside_Any	Any	✓		Modify Remove Pause	1

New Entry

Figure 11. A Policy Allowing LAN Users to Access Any External Network Services

2. Finally, configure all LAN PC addresses within the same domain as the LAN interface address, which is also the default gateway address for the LAN. Or, simply by using the DHCP to enable LAN PCs to obtain IP addresses, users may have Internet access right after configuring DHCP. To configure any network policies, please go to **Policy Object** and **Policy**.

Step 10. Provide the following CS-2001 interface information to LAN users.

Port	Name	Forwarding Mode	IP Address / Netmask
1	LAN1	NAT	192.168.1.111 / 255.255.255.0
2	WAN1	Static IP	192.168.2.112 / 255.255.255.0
3	WAN2	Static IP	192.168.0.8 / 255.255.255.0
4	Port4	---	0.0.0.0 / 0.0.0.0

< Back Finish >

Figure 12. Settings Confirmation

Step 11. Settings complete.

Installation Wizard
Installation completed. The page will reload automatically in 5 seconds.

Figure 13. Installation Wizard Completed

Further Information

Thank you for purchase PLANET products. The above steps introduce simple configuration for CS-2001. For further configuration, please refer to the user's manual on the CD. If you have other questions, please contact the local **dealer** or **distributor** where you purchased this product.

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