# High-Power Wireless 150N Outdoor CPE / Access Point

**Quick installation guide V1.0** 



May 2015

Intracom Asia Co., Ltd.

This guide describes how to quickly install CPE and how to easily configure outdoor CPE step by step followed the guidance which offers a very visual way to help end user/ maintenance staff of network etc spent a little bit time to have a whole ideas how to make CPE work fine.

## 1 Quick Configuration guideline

## The First Step : Connecting the device

• Interface:



Pic-1 CPE Physical Interface

- Power: DC Jack, please equip with 12V/1A DC power adapter
- Reset: Two ways of restoring factory defaults as below

  - 2) Press reset button in 5-10s, then release it, device will restore configuration to factory defaults.



Pls keep regular power supply of the device in process of implementing "Restore Factory Defaults", otherwise may cause device damage.

• Connection means as figure-2:



Figure-2 CPE connect to POE Mixer & Power adapter diagram



Incorrect connection means or plug in power supply which don't belong to the package may cause device damage!

## The Second Step: Start-up and Login

- 1) As figure-2 shown, please make it ready for CPE connect with PC
- 2) Consign local IP address with 192.168.2.X (X=2-254) on PC side(The IP address must

keep same segment with CPE's gateway address), subnet mask: 255.255.255.0

As figure-3、4 shown:





🕁 🚥 Properties	Internet Protocol (TCP/IP) Properties
General Advanced	General
Connect using: Atheros AR8132 PCI-E Fast Ethernet Configu	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
This connection uses the following items:	Obtain an IP address automatically
Client for Microsoft Networks	O Use the following IP address:
File and Printer Sharing for Microsoft Networks	IP address: 192 . 168 . 2 . 22
Internet Protocol (TCP/IP)	Subnet mask: 255 . 255 . 0
Install Uninstall Propertie	Default gateway:
Description	Obtain DNS server address automatically
Transmission Control Protocol/Internet Protocol. The defa	O Use the following DNS server addresses:
across diverse interconnected networks.	Preferred DNS server:
Show icon in notification area when connected	Alternate DNS server:
Notify me when this connection has limited or no connect	Advanced
ОК	OK Cancel

Figure 4 LAN IP address settings on PC side

#### 3) Connecting to equipment via wireless

After basic settings of the equipment, if you want to access internet or just the equipment via wireless, please configure local" Wireless Network" properties, lock mouse on the icon of Wireless Network then click right button of mouse, you'll see figure- 5 shown, then click "View Available Wireless Network" to filter out which AP or

router you wish to connect with.

Defaults SSID:CPE-XXXX; Defaults Password: blank







Figure- 6 Wireless Connection Settings

$\triangle$	
Caution	

A.

If your Laptop or PC has internal wireless 802.11b/g/n LAN card, but couldn't find wireless network, please contact with service department of your computer vendor for help:

- Click right button upon "My Network Places", then select "Properties", if you could find "Local Network" but there is no "Wireless Network" icon.
- 2) There is "Local Network" icon, but click right button upon the button and select "Properties", just find "Regular" and "Advanced" option, but there is no "Wireless Network Settings" even if you have ever successfully connected with other wireless hotspot.
- B. Click on "Refresh Network List", all hotspot list scanned will be listed on the right. Select specified SSID you wish to connect with(If password is a must, please input it in pop-up page)

4) Enters" <u>http://192.168.2.1</u>" on IE, then you'll see login page as Figure-8 shown;

Defaults User Name: admin; Defaults Password: admin

🕝 Back • 🕥 • 🗶 🖉 🦿	Search 🛠 Favorites
Address 🖉 http://192.168.2.1/sto	🖉 http://192.168.2.1/status.asp

Figure-7 Enter gateway address in IE explore



Figure-8 Login Page

The Third Step: Setup Wizard

① While you login web page, please go to Setup Wizard→click "Scan"→Select" SSID"→

Enter encryption password $\rightarrow$ Select specified WAN type **PPPOE**, **DHCP**, **Static**  $\rightarrow$ click **Next Step** 

Setup Wizard 🔹	The First Step - WISP Settings
Opeation Mode 🛛 🎽	To configure related parameter of wirelss clients,make the device connect to target hotspot,Enter SSID password and enscrypt type here
	SSID: Scan Hide SSID
+ Status 🛛 🎽	BSSID(MAC):
L Mississ N	Channel: AUTO 🗸
+ wireless "	Security Mode: Disable 🗸
+ Network *	To specify the access type, normally DHCP, also there are have user name and password to access ISP baseed PPPOE
+ Security 🔹 🎽	WAN Type: OPPPOE ODHCP OStatic
+ System *	Next
+ Debug Tools 🛛 🏾 🏾	

	Signal	SSID	BSSID	Channel	Security	Option
۲	¶ ₪∭ (70%)	TP-LINK_2.4GHz	6c:e8:73:ff:b8:9d	11	WPA	tkip
$\bigcirc$	¶ ₪∭ (34%)	Cisco93207	58:6d:8f:b2:09:af	11	NONE	
$\bigcirc$	¶ IIII (70%)	qktech-access	00:22:ed:da:bc:00	13	WPA	aes

Figure – 9 WISP Settings



∻

**DHCP**: If the device connect to DHCP Server of uplink or WISP,pls select this mode.The device will obtain IP address from uplink DHCP server or WISP automatically.

- PPPoE: If WISP offer PPPOE access type,pls select this mode.You should fill in both the User Name and Password that your ISP supplies
- Static: If WISP offer Static IP access, pls select this mode and enter IP address/Subnet Mask/Gateway and DNS server IP address

#### LAN Settings:

You could change Gateway IP adress here or keep defaults, then click Next

#### The Second Step - LAN Settings

To configure LAN IP & Subnet Mask, all devices upon the router keep same IP network segment and login the router with the IP address

IP Address:	192 . 168 . 2 . 1
Subnet Mask:	255 . 255 . 255 . 0

Previous	Next
----------	------

Figure - 10 LAN Settings

#### **③DHCP Server Settings:**

You can enable or disable DHCP server here, then click Next

#### The Third Step - DHCP Server Settings

To configure the router's DHCP Server which is used for acclocating IP address to those devices upon the router

DHCP Sever Status:	🔿 Disable 💿 Enable
Start-IP Address:	192 . 168 . 2 . 50
End-IP Address:	192.168.2.100
Lease(Sec):	86400
Gateway:	· · · · · · · · · · · · · · · · · · ·
DNS1:	
DNS2:	· · · · · · · · · · · · · · · · · · ·
Dr	vious Novt

Figure - 11 DHCP Server Settings

#### Wireless Settings:

To configure wireless settings of the device, you could **enable** or **disable** wireless here, select security mode/set encrypt key etc, after that click *Apply* to save previous settings.

#### Wireless Basic Settings

Refresh Status: Obisable Obisable Mode: 11n/G(40M)-V Channel: Auto ~ SSID: CPE-E1CO Broadcast SSID: 🔘 Disable 💿 Enable Isolated: Oisable O Enable Security Mode: WPA2PSK v WPA Security Settings WPA Encrypt Type: ○TKIP ③AES ○AUTO WPA Key: ...... text WPA Rekey Time(sec):

Apply

Figure - 12 Wireless Settings



The device will reboot after changing these settings, if you just keep defaults value pls click Next for further process

## The Fourth Step: AP Client Settings

AP Client: In this mode, the device associate with nearby AP and checks the network device combination as a standard mobile unit(MU). The access point then forms a wireless bridge between the wired LAN and clients through the device. CPE broadcasting its SSID, client devices obtain IP address from uplink hotspot or WISP.



Application Topology:



Figure - 13 Network Topology under AP Client mode

### AP Client setup guide:

#### Connects to wireless AP or WLAN base station

Check "Operation Mode"-select "AP Client"-click" Scan"-select specified SSID you

wish to connect with, then fill-in password  $\rightarrow$  Click "*Apply*" to save settings

Setup Wizard 🔹 🎽	Operation Mode option
Opeation Mode *	Refresh
+ Status 🛛 🔺	Operation mode configuration,be used to configure right operation mode like Router or Repeater mode etc
	Router(Gateway) OWISP OAccess Point(AP) OAp Client
- Wireless *	
⊖-Basic ⊖-M-SSID ⊖-ACL	AP client mode is used to relay other hotspot(AP) signal into the LAN port of the device, and keep them in a same broadcast domain, it's not a must whether other hotspot(AP) support WDS or not
	SSID: Scan Hide SSID
B-WMM	BSSID(MAC):
Ģ-Advanced	Channel: AUTO 🗸
+ Network 🛛 🎽	Security Mode: Disable 👻
+ Security *	Local IP Address Settings
	IP Address: 192 . 168 . 2 . 1
+ System 🏾 🎽	Subnet Mask: 255 , 255 , 255 , 0
+ Debug Tools *	Apply



- Channel without setting, since Channel of the CPE will automatically consistent with the front end WLAN base station in AP and AP Client mode.
  - CPE will disable its DHCP server in AP Client mode, for management purpose you can assign different IP address for each CPE



Moreover pls check if the communication protocol match between CPE and base station.

Some time pls restore factory settings before you configure the device

#### **WDS Configuration**

Note:

Setup Wizard *	WDS
Opeation Mode >>	Refresh
+ Status *	WDS Mode: O Disable O Lazy O Bridge O Bridge+ O Repeater
- Wireless »	Type: OPTP Olto2 Olto3 Olto4
⊖Basic ⊖M-SSID ⊖ACL ⊖WDS ⊖WMM ⊖Advanced	WDS1 Settings MAC Address1: : : : : Scan Physical Mode: OCCK OFDM OHTMIX OGreen Field Encrypt Type: Oisable OWEP OTKIP OAES
+ Network *	
+ Debug Tools *	





WDS Bridge/Repeater setup just same with AP Client mode generally.but front end AP support WDS is a must when CPE is in WDS mode.

## The fourth step: AP settings

Go to check "Operation Mode"→"Access Point (AP) ",you'll see figure -17 page.

In this page you may set wireless access point related options by your needing, after that

please click "Apply" to save settings and reboot device.

Setup Wizard 🛛 🎽	Operation Mode option
Opeation Mode 🕨	Refresh
+ Status 🛛 🏾	Operation mode configuration,be used to configure right operation mode like Router or Repeater mode etc
	O Router(Gateway) O WISP O Access Point(AP) O Ap Client
– Wireless 🛛 🏾 🏶	
⊖-Basic ⊖-M-SSID	Bridges all wired and wireless ports to a same broadcase domain,the device is similar to a hub in this mode
B-ACL	Status: ODisable OEnable
⊖-WDS	Mode: 11n/G(40M)- 💙
Ö-Advanced	Channel: Auto 🗸
- Martineed	SSID: CPE-E1C0
+ Network 🏾 🇯	Broadcast SSID: Opisable OEnable
	Isolated:  Opisable Opisable
+ System 🏼 🇯	Security Mode: WPA2PSK 🗸
. Dahua Taala	WPA Security Settings
+ Debug Tools "	WPA Encrypt Type: OTKIP OAES OAUTO
	WPA Key: ••••••• 🗆 text
	WPA Rekey Time(sec):
	Local IP Address Settings
	LAN Type: O Static O DHCP
	IP Address: 192 . 168 . 2 . 1
	Subnet Mask: 255 . 255 . 255 . 0
	Gateway:
	DNS1:
	DNS2:
	Apply



- Select specified one you wish to enable its SSID, click"Enable". Once you enable BSSID, you could select one Channel and configure specified wireless parameter based the BSSID, also you could enable multiple SSID option.
- Once enable SSID CPE will broadcast its name. Select SSID blank you can change its name here.
- Broadcast SSID, Enable the option, SSID will be visible you can san the BSSID name by PC or laptop's wireless scan tools, once you disable it user couldn't find the SSID by scanning tools, the SSID has been hided. But if you still wish to connect with the SSID, just enter the SSID name upon related interface item manually.
- Security Mode, In this option you can configure encrypt mode, key etc, security mode currently support Open, WEP, WPCPESK, WPA2PSK, WPCPESK/WPA2PSK etc.
- Security Type, Suggest security type to be TKIP mode which is more strengthen encryption type.

## The Fifth step: Router(Gateway) Configuration

Click"Operation Mode"→"Router(Gateway)" go to basic configuration page, as figure -12 shown:



Router(Gateway) is what we usually say SOHO router function, Router connect to wired ISP to access internet(usually be ADSL, Cable etc). Here no detailed description, if necessary, please refer to typical SoHo wireless router configuration.

Setup Wizard	*	Operation Mode option
Opeation Mode	*	Refresh
+ Status - Wireless	*	Operation mode configuration, be used to configure right operation mode like Router or Repeater mode atc
⊖Basic ⊖M-SSID ⊖ACL ⊖WDS ⊖WMM ⊖Advanced		Connects your local network to wired ISP through such as DSL modem(PPPOE) or DHCP/Static IP etc WAN Type: DHCP O Static Username: Password: Text
+ Network + System + Debug Tools	* *	Advanced: O Hide O Detail O Custom



- DHCP: When the Device connects to a DHCP server, or ISP support DHCP service, please choose this type. The Device will get the IP address automatically from the DHCP server or the WISP. Once the connection buildup successfully, you can access internet.
- PPPoE: If your wireless ISPs support PPPoE, you should choose this type. In this condition, you should fill in both the User Name and Password that your ISP provides.
- Static: In this type, you should manually fill in the IP address, Subnet Mask, Default Gateway, and DNS IP address, which are specified by your ISP. The Sixth Step:
- Connection status

After you finished related configuration and you wish to check if settings is succeed or not, please go to "**Status**" page for more details, as figure -19 shown

Setup Wizard		WISP Infomation	
Opeation Mode	•	Refresh	
- Statur		Status:	Connected
- Status		Mode:	DHCP(Dynamic IP)
⊖-WISP		Peer-end SSID:	TP-LINK_2.4GHz
ACCESS POINT		Peer-end MAC:	6c:e8:73:ff:b8:9d
B-DHCP Server		Peer-end SSID Signal:	T 000 (55%)
⊖-System		Peer-end SSID Channel:	11
+ Wireless		IP Address:	192.168.1.105
	*	Subnet Mask:	255.255.255.0
		Gateway:	192.168.1.1
+ Network	•	DNS1:	192.168.1.1
+ Security		DNS2:	
		Connected Duration:	0Day(s) 00:00:00
+ System		Received(Byte/Packet):	90229/478
		Sent(Byte/Packet):	5115/113
		MAC Address:	70:3A:D8:08:E1:C1
T Debug Tuuis		Con	nect Disconnect



When CPE successfully connect with front-end WLAN base station or AP, the status will be *"Connected*", also other options listed on the page .e.g "Peer-end SSID", MAC address, RSSI etc

Note: Signal strength should be greater than -75dBm,if it's weak than this CPE's Bridge/Repeater joint will be worse. Its performance of repeater joint will get worse in NLOS condition, but in order to have the best signal strength and throughput you can adjust the direction of CPE's directional ANT

## 2 PC Configuration:

To set automatic obtain IP address on PC or laptop side, then PC will get a IP address from CPE or ISP WLAN DHCP Server. As shown in Figure – 20.

General Support	General Advanced	General Alternate Configuration
Connection Status: Duration:	Connect using: Atheros AR8132 PCI-E Fast Ethe	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Speed:	This connection uses the following item	Obtain an IP address automatically
	Client for Microsoft Networks	Use the following IP address:
	File and Printer Sharing for Mi	IP address:
	<ul> <li>Internet Protocol (TCP/IP)</li> </ul>	Subnet mask:
Activity	Install Uninstall	Default gateway:
	Description	Obtain DNS server address automatically
Puter	Transmission Control Protocol/Intern	Use the following DNS server addresses:
Dytes.	across diverse interconnected netwo	Preferred DNS server:
	Show icon in notification area when	Alternate DNS server:
Properties		Advanced

Figure - 20 IP address settings on PC

Once you finished this setting, you can implement "Ping" command to test if the connection is done.

## 3 System

Click "System" to go to system management page, as shown in Figure – 21.

Setup Wizard 🔹	Password Management
Opeation Mode 🔹	Cancal
+ Status 🔹 🔺	User Name: admin
	Old Password:
+ Wireless 🏼 🎽	New Password:
+ Security *	Change
<ul> <li>System</li> <li>Passwd Settings</li> <li>Time Settings</li> <li>Backup &amp; Restore</li> <li>Factory Defaults</li> <li>Reboot</li> <li>WEB Server</li> <li>Firmware Upgrade</li> <li>+ Debug Tools</li> </ul>	

Figure - 21 System Management

- Password Settings: To set system administrator and password here.
- Time Settings: To set time zone and time information here.
- Backup&Restore: To export system configuration file to local document or import backup-file for restoring configuration to factory defaults.

- Factory Defaults: Restore system configuration to factory defaults.
- **Reboot**: re-power on system by software interface.
- WEB Server: To set web server related option here.
- Firmware Upgrade: To upgrade CPE's firmware for obtaining a more stable and

functional performance of the CPE.



To restore CPE to factory defaults via physical reset button on housing by pressing reset button in 5-10s or click "Reset" button on web page.

You could check system logs on "Log Management" page, as shown in Figure -22

Opeation Mode       **         + Status       *         + Wireless       *         + Network       *         + Security       *         • System       *         • Pebug Tools       *         • Ping Test       **	Setup Wizard	*	Log Management
<pre>+ Status * + Wireless * + Wireless * + Network * + Security * + Security * Crerent Log Conver Prit 192, 168, 2, 88 Log Server Prit 192, 168, 2, 88 Log Server Prit 192, 168, 2, 88 Log Server Prit 192 Log Server Log S</pre>	Opeation Mode	*	Refresh
* Wireless         * Wireless         * Network         * Network         * Specurity         * System         * System         * Debug Took         * Diag Settings         * Pring Test             * Outcome         * Outcome         * Outcome         * Outcome         * Debug Took         * Pring Test             * Outcome             * Outcome             * Disable * Debug Took             * Disable * Debug Took             * Pring Test             * Minite * Outcome         * Totam         * Outcome         * Totam         * Outcome         * Totam         * Toutoutom <th>+ Status</th> <th></th> <th>Local Log: O Disable O Enable</th>	+ Status		Local Log: O Disable O Enable
<pre>+ Wireless *  * Wireless *  * Network *  * Security *  * System *  * Debug Tools *  * Log Server Port Lescon: debug filter: system_tring( iptables -t filte(</pre>	, Status		Remote Log: O Disable 💿 Enable
Image: State of the second decord of the	+ Wirelace		Log Server IP: 192, 168, 2, 88
+ Network + Security * System * Orbital Control of the second depart of the system string () problem o	T WITEIESS		Log Server Port: 514
• Socurity       •         • System       •         • Debug Tool       •         • Debug Tool       •         • Dring Test       • <th>+ Network</th> <th>*</th> <th></th>	+ Network	*	
+ Security * + System * • Debug Tools * • Pring Test • Diag Settings • Pring Test • Or an 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t filter in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t local in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t local in 100:00:00 (none) daeaon. debug filter: system_string( iptables + t local in 100:00:00 (none) daeaon. debug filter: system_string( iptables +	T NECWOIK		Anniv
+ system ★ • system ★ • betag settings • Pring Test Current Lg • a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( iptables + filte) I a 100:00:00 (none) daeaan.debug filter: system_string( i	+ Security	*	· #F*)
<pre>+ System *</pre>	· Becurrey		Current Log
Am 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t filtering in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t local in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t local in 1 00:00:00 (none) daeaon.debug filter: system_string( iptables -t local in 1 00:00:00 (none) daeaon.debug filter: system_str	+ System		Jan 1 00:00:00 (none) daemon.debug filter: system string( intables -t filte
Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F output is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F output is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F output is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F forw is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filted in 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t local is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t local is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t local is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t local is an 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t local is an 1 00:00:00 (none) daenon.debug filter: syst	+ System		Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte
Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 ippoi Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 intput Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 intput Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 intput Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 int ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 int ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 int ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 int ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 int ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 inc ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 inca) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -7 inca) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -4 local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptabl			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte
Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F iptor Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A ippor Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F output Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F output Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F output Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F forw Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F forw Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F uul ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F uul ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F uul ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A	- Debug Tools	→	Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte
Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F input Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F inte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F inte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F inc ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F inc ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A incal Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A lo	Ól en Cattings		Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F ippor
<pre>Gering Test Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A ippor Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F output Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - F output Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - F url ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - F url ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - F nac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables - A local Jan 1 00:00:00 (none) daemo</pre>	E-Log Settings		Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F input Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F forw Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A l	⊖-Ping Test		Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A ippor
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F output Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F input
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -+ forw Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F lite Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F lite Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F outpu
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A mac - Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A mac - Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A mac - Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F forws
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F url ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F mac ) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A mac - Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A mac - Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A mac - Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daemon debug filter: system string( intables -t local Jan 1 00:00:00 (none) daemon debug filter: system string( intables -t local			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local			Jan 1 00-00-00 (none) deepon debug filter: system_string( intebles -F filter
Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F mac ) Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A			Jan 1 00:00:00 (none) deemon debug filter: system_string( intables -t filter
Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A mac - Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daenon debug filter: system_string( intables -A local			Jan 1 00:00:00 (none) daemon. debug filter: system string( iptables -F mac )
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A mac- Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A l			Jan 1 00:00:00 (none) daemon.debug filter: system string( iptables -t filte
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -F local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local			Jan 1 00:00:00 (none) daemon.debug filter: system string( iptables -A mac -
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -t filte Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local			Jan 1 00:00:00 (none) daemon.debug filter: system string ( iptables -F local
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( intables -A local			Jan 1 00:00:00 (none) daemon.debug filter: system string ( iptables -t filte
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A loca) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A loca) Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A loca) Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A loca) (a) (none) daemon debug filter: system_string( intables -A loca) (a) (none) daemon debug filter: system_string( intables -A loca) (b) (none) daemon debug filter: system_string( intables -A loca) (c) (none) (none) daemon debug filter: system_string( intables -A loca) (c) (none) (none) daemon debug filter: system_string( intables -A loca) (c) (none)			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A loca)
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system_string( intables -A local Clear			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A loca)
Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local Jan 1 00:00:00 (none) daemon debug filter: system string( intables -A local Clear			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local
Jan 1 00:00 (none) deemon debug filter: system string/ intables -A local			Jan 1 00:00:00 (none) daemon.debug filter: system_string( iptables -A local
Clear			Jan 1 00:00:00 (none) daemon debug filter: system string( intables -A local
Clear			
			Clear

Figure - 22 System Logs

# 4 Troubleshooting:

Troubles	Treatment
SYS indicator doesn't shine	Please double check if the connection is done between POE box and LAN port. Right way is that put "POE" interface connect with CPE and "LAN" with PC or laptop.
Couldn't login Web page	<ol> <li>Please check if both IP address is in same range. You can check it via selecting "Start"-"Run" bland and implementing "CMD" command, by ping "192.168.2.1" to test if the connection is done;</li> <li>Restore factory defaults, then login again;</li> <li>Double check there is no same IP address of "192.168.2.1" in same network range;</li> <li>Please check if driver of your PC WLAN Nic has been installed correctly, and Ethernet cable is good.(10/100M UTP Ethernet cable is recommended strongly);</li> <li>By entering "arp -d"command over "Start"-"Run" interface to clear arp bing;</li> <li>To clear the Tem&amp;Buffer filer of IE browser</li> </ol>
CPE could not connect with front-end AP ( Status: disconnected)	<ol> <li>To scan wireless network again and reconnect hotspots;</li> <li>Double check if wireless option of the CPE has been set correctly;</li> <li>Double check if encrypt type &amp; Key could match between AP and CPE;</li> <li>If wireless signal of front-end AP is very poor, recommend it greater than -75dBm.</li> </ol>
Couldn't detect signal of targeted CPE	Try to perform "Scan" command twice times, but if targeted SSID still be invisible, please check if channel of CPE could support front-end AP or hotspots'. Such as AP or hotspots working in Channel 11.
PC couldn't access internet, but indicator show connection has been connected successfully.	<ol> <li>Please check IP address, DNS etc is right on PC side</li> <li>For DHCP, set WLAN NiC to obtain IP address automatically;</li> <li>For Static IP address, please ask for correct IP &amp; DNS address from your ISP.</li> </ol>
To restore factory defaults	In powered on status of the CPE, press "RESET" button in 5-10s,then release the button, system will restore Factory Defaults.

Figure - 1 Troubles and treatment

\*. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.