

# XL-PB350CA

EoC bridge slave

User manual

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# Packing List

- ◆ 1pcs EOC Intelligent Slave
- ◆ Power adapter 12V-1A
- ♦ User manual
- ♦ Cat5 cable

# **Installation Environment**

In order to guarantee that the equipment work normally for a long time, it is recommended to use it in the environment as follows:

- 1. Stay away from heat and keep ventilated
- 2. Place the device on a flat level surface
- 3. Place the device in the dry environment without dust

Note: Please use the rated power, in order to guarantee that the equipment work normally.

# **Indicator Light**



#### **Indicators Description**

DUID		Always OFF	No power connected
PWR	Power indicator	Always ON	Power connected
	Connection indicators	Always OFF	No connection
ACT	between master and slave	Flash	Connection
eve	Sustemindicator	Always OFF	Not start system
515	System indicator	Always ON	Work normally
LANK1- 3	Eth 1-3 indicators	Always OFF	There is no equipment connected at this port
		Flash	Data communication
LANK4		Always OFF	The port isn't
	Wan port indicator	711way 5 01 1	connected
	Wan port indicator	Flash	connected The port is connected
	Wan port indicator USB connection	Flash Always OFF	connected The port is connected USB device isn't connected
USB	Wan port indicator USB connection indicator	Flash Always OFF Always ON	connected The port is connected USB device isn't connected USB device is connected
USB	Wan port indicator USB connection indicator Wireless status	Flash Always OFF Always ON	connectedThe port is connectedUSBdeviceisn'tUSBdeviceisUSBdeviceisThereisno

			at this port
			There is an
		Flash	equipment connected
			at this port
		ON	Device works at
SVS2	Low fraguancy range	ON	7.5-30M
5152	Low nequency range	OFF	Device works at
		ULL	7.5-65M

#### Port and Button

CABLE: Mixed signal input

TV: TV signal output

Reset: Restore the factory settings

Eth1-3: Eth ports (Managed by Master)

Eth4: LAN port of the router, could login WEB interface to manage

WIFI by this port, support the route function, and is managed by Slave.

USB: Save the downloaded file to mobile HDD by USB port (Reservation)

WIFI: WIFI switch (Reservation)

DC12V: Power Supply

CABLE TV	RESET ETH1	ETH2	ETH3	ETH4	USB WIFI	DC12V
OC	0					

# 1. Equipment Connection



Equipment connection diagram as shown above:

EOC slave with WiFi supports four Eth ports (Eth1-Eth3). Among them, Eth1-Eth3 are Eth ports. LAN4 is LAN port of the router. The default IP address of WIFI management port LAN 4: 192.168.1.1.

2. Set Accessed PC





Note: The user also could choose Obtain an IP address automatically. But we advice you set IP address of PC manually.



Note: Please restart the slave when complete all settings at WEB interface.

#### 3. WIFI WEB Configuration

#### 3.1 Login WEB Interface

First:



Second:



Third:

After the login, enter WIFI settings interface. The user could check

WAN interface status, LAN interface status, Wireless status, WAN interface Flow count and System info by **Status** on the left side.

WAN Interface St	atus
Access Mode	Static IP address
MAC address	: 00:03:7F:11:4C:47
IP Address:	192.168.10.41
Submask:	255.255.255.0
Gateway:	192.168.10.1
DNS Servers:	202 106 195 68 211 144 220 18
LAN Interface Sta	itus
MAC address	: 00:03:7F:11:4C:46
IP Address:	192.168.1.1
Submask:	255.255.255.0
Wireless Status	
Wireless:	Enable
SSID:	internet
BSSID:	00:03:7F:42:0C:46
Authentication M	ode: None
Channel:	Manual(Current channel6)
Mode:	802.11b/g/n
WAN Interface Flow	Count
Send Bytes:	174204
Receive Bytes:	0
End Packages:	2862
Receive Packages:	0
Run Time:	0d-2h-16m-15s Refresh
System Info	
Software Version:	0.0.1 build multi
Build Date:	2013-02-22-13:52

#### **3.2 WAN Configuration**

Click **Wizard** on the left side to enter WAN settings interface. The default mode is DHCP obtain an IP address automatically:

Status	
• Wizard	
*Network	set wizard
WLAN	Thanks for using 11n internet wireless router
+DHCP Server	Wizard can help you setup the device easily, otherwise you can setup it from the
*Forwarding	menu
*Security	Wizard can help you setup the working mode and basic parameter of the router
*Route	O PPPOE network (PPPOE)
+Tools	O Ethernet broadband, auto gain IP address from vendor (Dynamic IP)
• Logout	$\textcircled{\ensuremath{}}$ Ethernet broadband, network vendor provide fixed IP address (Static IP)
Please click to view	
more	
XX router products	Next
©2012 XX	

### 3.2.1 PPPOE Settings

Choose **PPPOE**, click Next, input the account and password provided by operators, as shown in the picture below, finally click "**Save**"

I nanks for using 11h internet wireless router
Wizard can help you setup the device easily, otherwise you can setup it from the menu
Wizard can help you setup the working mode and basic parameter of the router
PPPOE network (PPPOE)
O Ethernet broadband, auto gain IP address from vendor (Dynamic IP)
O Ethernet broadband, network vendor provide fixed IP address (Static IP)

When you apply t	for a dial-up service, Interne	t service providers will provide yo
Internet account a	nd password, corresponding	g to fill in the next box. If you have
forgotten or is not	clear, please consult your n	etwork service provider.
account:	PPPoE	
password:		

set wiza	urd
Con netv vou	gratulations! You have successfully completed the the Internet required basic work parameters settings, reboot the router and you can use the internet. If need to do further settings, click the other menu.
Clic	k "Save" to save the parameters and end the quick set.
Previous	Save

#### 3.2.2 Dynamic IP Settings

I hanks to	r using 11n internet wireless router
Wizard ca	n help you setup the device easily, otherwise you can setup it from the
menu	
Wizard ca	n help you setup the working mode and basic parameter of the router
O PPPC	E network (PPPOE)
Ethen	net broadband, auto gain IP address from vendor (Dynamic IP)
OEthen	net broadband, network vendor provide fixed IP address (Static IP)

Note: It's necessary to make any settings here if you choose **Dynamic IP**, and click **Next** directly to complete configuration.

#### 3.2.3 Static IP Settings

Choose Static IP, click Next, input manually IP address, subnet mask, gateway and Preferred DNS provided by operators, and doesn't have to fill in Alternate DNS, finally click "**Save**"

When you apply th Internet service pro	e Ethernet broadband serv viders will provide you so	nces, and has a fixed IP address, me of the basic network
parameters, corresp not clear, please cor	oonding to fill in the follow nsult your network service	ing box. If you have forgotten or is provider.
IP Address:	192.168.10.41	
Submask:	255.255.255.0	
Gateway:	192.168.10.1	
Preferred DNS:	202.106.195.68	
Alternate DNS:	211.144.220.18	(optional)

**Note:** IP address, subnet mask, gateway and Preferred DNS and Alternate DNS only as the example, please consult the specific parameters with your operators.

# 3.3 Network Parameter

# 3.3.1 Bridge

It supports to bind the business and the specific port, and support to assign VLAN to the business. Currently the supported businesses are Internet, VOIP, VOD and TR069. VLAN ID and the binding port can be changed by configuration.

• Status	Bridge Setting		
• Wizard	Business Type:	Internet 🛩	
*Network	VLAN ID:	Internet VOIP	(1-4094)
* Bridge	LAN Interface:	VOD TR069	
• WAN		1	
*LAN	Save Restore		

#### 3.3.2 WAN Interface Settings

Here could three modes are optional: DHCP, Static IP and PPPOE. • DHCP

Addressing Type chooses DHCP, DNS Auto Enable is Enable. DNS address may or may not be filled in. Finally save the configuration.

Business Type:	Internet 💌
Addressing Type:	DHCP
P Address:	0.0.0
Submask:	
Gateway:	0.0.0.0
DNS Auto Enable:	Enable
Preferred DNS:	202.106.195.68
Alternate DNS:	211.144.220.18

♦ Static Address

Fill in IP address, subnet mask, gateway and the domain name, and then save the configuration.

Business Type:	Internet 💌
Addressing Type:	Static Address
IP Address:	192.168.10.41
Submask:	255.255.255.0
Gateway:	192.168.10.1
Preferred DNS:	202.106.195.68
Alternate DNS:	211.144.220.18

#### ♦ PPPOE

Fill in the username and password of PPPOE, and then save the configuration.

Business Type:	Internet 💙
Addressing Type:	PPPoE Address
Username:	PPP0E
Password:	PPPoE

**Note:** IP address, subnet mask, gateway and Preferred DNS and Alternate DNS only as the example, please consult the specific parameters with your operators.

### 3.3.3 LAN Settings

Fill in IP address, subnet mask, and then save the configuration. Please login WEB interface according to this IP address next time.

IP Address:	192.168.1.1	
Submask:	255.255.255.0	_

#### 3.4 WIFI Settings

#### 3.4.1 Basic WIFI Settings

Business Type:	INTERNET 💌
Wireless:	Enable
SSID:	internet
SSID Hide:	Enable
BSSID:	00:03:7F:42:0C:46
Wireless Protocol:	802.11b/g/n 💌
Speed:	Auto 🛩
Tx Power:	100% 🛩
Authentication Mode:	None 💌
Channel Auto Selection:	Enable
Channel Selection:	6 🗸

- Current Business Type
- Enable or Disable WIFI
- ➢ Set WIFI name
- ➢ Enable or Disable WIFI Access
- Equipment MAC address
- ➢ Set the wireless protocol of
- ➢ Set the rate of
- ➢ Set the transmitted power of
- ➢ Set password
- Enable or Disable Channel Auto Selection
- > Channel Selection: Advice to choose 1, 6 and 11 frequency range

#### Please note when choose the protocol:

• 11Mbps (802.11b): The maximum rate is 11Mbps

• 54Mbps (802.11g): The maximum rate is 54Mbps, downward compatible with 11Mbps

• 150Mbps (8020.11n): Static 150 MBPS, and can be compatible with the above three kinds of working modes

#### 3.4.2 Wireless Security Guide (Authentication Mode)

The user could not choose authentication mode, and also could choose WEP, WPA, WPA2 or WPA mixed mode.

♦ WEP

- Encryption can be Open or Share
- Key Length can be 64bits or 128bits
- Key Format can be ascii or Hexadecimal mode

• Current key: Totally four keys are optional. The key is valid when only selected as Current key.

Authentication Mode:	WEP
Channel Auto Selection:	Enable
Channel Selection:	6 🛩
Encryption:	Share 💌
Key Length:	64bits 🛩
Key Format:	hex 💌
Current Key:	1 🕶
Key1:	3031323334
Key2:	3031323334
Key3:	3031323334
Key4:	3031323334

 $\mathbf{\Phi}$  W PA, WPA2 or WPA mixed mode

• WPA encryption can be TKIP, AES or TKIP&AES mode, and input WPA Key.

Authentication Mode:	WPAmix 🕶
Channel Auto Selection:	Enable
Channel Selection:	6 🛩
WPA Encrypt:	AES
WPA Kev:	0123456789

Finally click Save. The slave will be restarted, and the wireless settings succeed

Note: The different key formats and types will affect the length of the key contents.

#### 3.4.3 Advanced Settings

Wireless advanced Settings can set up the wireless function in detail, apart from the basic wireless Settings, it includes, for example: beacon interval, data rate, etc. Please keep the default Settings when you don't understand rules of these Settings.

WMM: (wi-fi MultiMedia) It can improve wireless MultiMedia data transmission performance (such as: video or online broadcast) if open this function. If you are not familiar with WMM, set to open. UAPSD: Automatic power saving mode, default to close.

Business Type:	INTERNET	
AP Isolated:	Enable	
SHORT GI:	Enable	
BG Protection Mode:	Enable	
RTS Min Size (byte):	256	(256-2346)
Beacon Cycle:	100	(40-1000)
DTIM Inteval:	1	(1-255)
WMM:	Enable	
UAPSD:	Enable	
Channel Width:	40M 🔛	
Band Side Select:	band_up 💌	

#### 3.5 DHCP Server

#### 3.5.1 DHCP Service

Enable DHCP Server, and set the start and end address of IP pool. The default expiration time is one day, and the user can change it. Finally click Save to complete the settings.

E	HCP Server:	Z Enable
п	P pool start address:	192.168.1.100
п	P pool end address:	192.168.1.254
F	xpiration Time	one day

#### 3.5.2 Client List

Show the name, MAC address, IP address and the valid name of the client end which is accessed to this AP currently.

ID	Client name	MAC address	IP address	valid time
1	my_computer	00:1f:e2:cd:03:7c	192.168.1.100	21h-35m-44s

#### 3.5.3 Static Address Assign

In order to facilitate the user to control the IP address of the slave in the local area network (LAN), the salve provides the built-in static address allocation function. Static address allocation table can reserve a static IP address for the specific MAC address slave. After the slave requesting DHCP server to send IP address, DHCP server will assign this reserved IP addresses to it.

	 II addiess	Enable operate
1		add add

### 3.6 Forward

#### 3.6.1 Virtual Server

Fill in the mapping port of the external network, the real port of the internal network, the internal network IP address, choose the protocol type, click **Enabe** and **Add**, finally **Save** the settings. And could delete the items directly when don't need it.

The user could choose Common Server Port number to generate the

corresponding service, and also could add the corresponding service.

of the W	/AN service po	rt will be point	ed to the specified server.		L'ALY SEL	vei. All v
ID	External port	Internal port	Internal IP	protocol	Enable	operate
1	21	21	192.168.1.103	TCP 🗸		delete
2				TCP 💌		add
		Common Se	ervice Port:Please s	elect 💌		

#### 3.6.2 DMZ Host

Click Enable, input DMZ Host IP address (Usually is the internal IP address), and Save finally.

Attention: when I	DMZ host set, the related firewall set will disable
DMZ Host IP	
address:	
Enable	Enable

#### 3.6.3 ALG

Some early designed protocols at the application layer, such as FTP and TFTP, often cannot work normally after through the NAT devices.

In this case, you can Enable ALG of the corresponding protocol to overcome these problems on this page.

ALG Application Set		
ALG Switch:	Enable	
H323:	Enable	
SIP:	Enable	
RTSP:	Enable	
FTP:	🗹 Enable	
L2TP:	Enable	
IPSEC:	Enable	

3.7 Security

#### 3.7.1 MAC Filter

Enable **MAC Filter**, fill in MAC address, description (could not fill in), and click Add. And could delete the items directly when don't need it.

Enable Set the MAC address filtering to control whether a computer can access the router. Finally Save the settings.

* Wizard	MAC Filter		
+Network	and a state		
+WLAN	Set the MAC address filterin	ng to control whether a computer can ac	cess the router 🗌 Enable
+DHCP Server	ID MAC address	s description	Enable operate
*Forwarding	1		e add
*Security • <mark>MAC Filter</mark> •IP filter •URL filter	<ul> <li>Only allow MAC address in the M O Only forbidden MAC address in the</li> </ul>	LAC address list access the router the MAC address list access the router, i	but other MAC address can access it
+Route +Tools	Save		

#### 3.7.2 IP Filter

The settings method is the same as 3.7.1

ID	IP Address	Enable oper
1		V ad
Only forbidden IP	address in the IP address list acce	ess the internet, but other IP ad

#### 3.7.3 URL Filter

The settings method is the same as 3.7.1

URL is short of	the universal resou	urce locator, it is also calle	d the webpage.URL is	s composed of thre
parts: the proto according to the	col type,host name format.	e,the path and the file nan	ne,we can set the corre	esponding webpage
ID		Domain	Enable	operate
1	http://www.			add

#### **3.8 Router Function**

#### 3.8.1 Static

Add Destination IP, Subnet Mask and gateway. Click Add and Save.

The settings can be deleted directly by the final part when the user doesn't need it.

• Wizard	Statis Panta			
*Network	Statte Route			1
*WLAN	Static routing is the manual	configuration of the routing	information which is def	fined by the network
*DHCP Server	administrator or the user. Make sure that the router has the interface which can arrive the destination network when the static routing is settd otherwise routing entries added are discarded in local this is			
*Forwarding	because it can not reach the	destination network.		
*Security	ID Destination IP	Subnet Mask	Gateway	Enable operate
+Route	1 192.168.10.13	255.255.255.0	192.168.10.1	delete
*Static Route	2			V add
*Tools				
*Logout				
Please click to view	Save			

# 3.9 Tool

# 3.9.1 Time Settings

•Wizard	First please select your time zone, then enter the server address, and finally click "Save" to complete the surface time and			ve" to
*Network	complete the sys	stem tune set.		
*WLAN	Automatically	Enable		
DHCP Server	synchronize:			_
Forwarding	Time Zone:	(GMT+08:00)Beijing, H	Hong Kong , Macao, Taipei	•
······································	Time Server1:	210.72.145.44		
Security	T 0 0	000 400 0 404	=	
Route	1 ime Server2:	202.120.2.101		
Tools				
- Trime	Save Restore			

3.9.2 Software Upgrade

* Status	Software Upgrade	
• Wizard	Software Select:	浏览
*Network		
*WLAN	Upload	
*DHCP Server		
*Forwarding		
*Security		
*Route		
*Tools		
• Time		
•Upgrade		
•Reset		

#### 3.9.3 Reset

• Status	Reset
Wizard	If you restore the factory settings, the configuration will be cleared, the system configuration
*Network	will be resolved to the state water you just buy it:
WLAN	Keset
+DHCP Server	
+Forwarding	
+Security	
+Route	
*Tools	
• Time	
• Upgrade	
• Rezet	
· Config File	
• Password	
• System Log	
Contraction of the second s	

#### 3.9.4 Config File

Choose the file with xml format to upgrade. The equipment would run the new config after upgrading. Please find the attached file in the config file about the new username, password and IP address of Eth ports. Could download the config file to the local PC by **Configure** Download

· Status	Canfig Upgrade	Help Infe
Withord	Configure file Select	Select the sml file in the
ANamah		configuration file package
-Network	Upload	and upgrade. After the upgrade, the device will start
*WLAN		by the new configuration.
*DHCP Server	Produced Research	The new configuration of the
+Forwarding	Comparison	user name, password and network cort IP address.
+ Security	Configure Download	please see the documentation
*Route		in the package configuration
*Teels		download" configuration file
• Time		can be downloaded to the
•Upgrade		local.
*Reset		
· Config File		
* Password		
* System Log		
· Keboot		
· Language		

#### 3.9.5 Password

Input the username and the old password, and submit it. Then the password is changed.

• Status	Parment Change	Help Info
• Wizard	Please Input	To modify the password of a
*Network	Plana larent	name, a new password and
+WLAN	Password	confirm the new password.
+DIICP Server	Please confirm new	The password can range in leasth from 1 to 14
+Ferwarding	pessword	characters and contain
*Security	submit	letters, numbers and underline.
+Route		
*Teels		
• Time		
*Upgrade		
• Reset		
*Config File		
.Password		
• System Log		
*Reboat		
*Language		
ACS		

#### 3.9.6 System Log

This function can record log information of the slave after starting the system. Maximum 650 log information can be recorded; Click

Download Log to download the log to the local PC; Choose the "level", the system will only record the log which level is less than or equal to the level of system log; Click the "Page Down" and "Page Up" to view all recorded log information.

*Status	inter and				
• Wizard	log commit time	module	level	log content	This option can record the
	0000-00-00 02:13:33	##W	3	admin login	log information of router
*Network	0000-00-00 02:13:12	222	3	admin logout	from boot up to the present
•WLAN	0000-00-00 02:10:28	WWW.	3	admin login	the system can store up to
	0000-00-00 01.59.59	WWW	3	admin logout	650 log information;Click or
*DHCP Server	0000-00-00 01:21:09	WWW	3	admin login	the "download log" can be
Termending	0000-00-00 01:20:19	***	3	admin logout	downloaded to a local
	0000-00-00 01:15:11	RAM.	3	admin login	system logs;select the
+Security	0000-00-00 01:15:09		3	admin logout	"level", the system will only
Pante	0000-00-00 01:08:29	122	3	admin login	record level less than or equ
- Avenue	0000-00-00 01:06:19	WW	3	admin logout	to the level of system logs;
*Tools	0000-00-00 01:03:14		3	admin login	click " previous page" and "
.Time	0000-00-00 01:02:19	***	3	admin legeut	next page" can see all stored
	0000-00-00 00:54:50	888	3	admin login	log information.
*Upgrade	0000-00-00 00:54:19		3	admin logout	
*Reset	0000-00-00 00:49:04	TWW	3	admin login	
*Config File	0000-00-00 00:35:49	WWW	3	admin logout	
Record	0000-00-00 00:30:38	897	3	admin login	
· rassuura	0000-00-00-00-29-59	-	3	admin logout	
·System Log	0000-00-00 00:20:38	TAN	3	admin login	
*Reboot	0000-00-00 00:11:19	TWW	3	admin logout	
·Language	0000-00-00 00:05:53	BWW.	3	admin login	
	0000-00-00 00:00.43	wias	3	wifi opened, asid is vod	
·ACS	0000-00-00 00:00:42	wian	3	wift opened, said is voip	
-Logout	0000-00-00 00:00:40	wim	3	with opened, soid is internet	
	0000-00-00 00:00:36	master	3	boot successful!	
Please click to view more	download log				
XX router products					
	Oran Davan				

#### 3.9.7 Reboot



#### 3.9.8 Language

The user could switch the language here.

- Status	Language	Help Info
• Wizard	Lanpuge English 🐱	According to the reading
*Network		habits and system coefficient you can select
*WLAN	Save	the Chinese version or
+DRCP Server		English version.
*Forwarding		
+Security		
*Route		
+Tools		
. Time		
• Upgrade		
Reset		
• Config File		
· Password		
. System Log		
Reboot		
-Language		
*ACS		

#### 3.9.9 Remote Management

Configuration Step

➤ Connect EOC with the switch

> Connect Remote Management Server with the switch, and set VLAN, the default settings is VLAN46.

➤ Set IP address of EOC and Remote Management Server, and sure they could work normally

Set the remote management interface, add ACS server address, and only change IP address, finally **Save**.



Remote Management Server

	tr069 Setting		
+ Wizard	TR069 is short for	tr069_help	
*Network	protocol which car extract TP050 ca		
+WLAN	equipments from t	te network side for remote.	
+DHCP Server			
A Burnellan	Enable:	enable	
Forwarding	Local Username:	hgw	
+Security	Local Password	hgw	
*Route	ACS Server Url:	http://192.168.52.10.9090	
+Tools	ACS Server		
• Time	Username:	ngw	
• Upgrade	ACS Server	hgw	
•Reset	Password.		
*Config File	00		
*Password	88		
* System Log			
· Reboot			
Language			
hea			
. Todont			
Please click to view			
more			
XX router products			
XX router products ©2012 XX			
XX router products ©2012 XX 3.10 Logout	m609 Setting		Help Info
XX reuter products ©2012 XX 3.10 Logout -Status -Wizard	trives Setting TR049 is short for the C	PE WAN Management Protocolic provides a general framework and	Help Info w069_help
XX reuter products ©2012 XX 3.10 Logout - Status - Wizard - Network	tr009 Serting TR099 is short for the C protocol which can cool actived. TR099 can cen	PE WAN Management Protocils provides a general framework and gene or manages the bone network derives in the next generation random manage the bone proves the router acrosc bone and other	Help Infe w069_belp
XX router products ©2012 XX 3.10 Logout •Status •Wizard •Network •WLAN	1000 Setting TR300 is short for the personal twicks can cost network. TR300 can cen equipments from them	PE WAN Management Protocils provides a general framework and gave or manage the bone network devices in the net generation mixed manage the bone gave-scy, the rester, set-top bones and other work such for more.	Help Infe w069_balp
XX router products ©2012 XX 3.10 Logout -Status -Wizard -Network -WLAN -DBCP Server	1000 Sering TROO is shown for the protocol which can cost network TROO can cer equipments from the net Each to	2E WAN Mangement Protocilit provides a general funnerwok and gue or anaage the bone network devices in the next generation raticed manage the bone gateway,the router, set-top bones and other work side for ranote.	Help Infe w069_balp
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# 4. Test the wireless signal

Step 1:

First of all, you must make sure your computer is configured wireless network card before using a wireless network.

The following setup steps are based on Windows 2000 / XP built-in wireless network configuration program. The different card maybe uses the different configuration software, please subject to your network card configuration program. If your network card does not support Windows wireless configuration program, the following setup steps may not be able to help you detect the wireless network.



Note: Wireless network connection indicates that you have installed the wireless network card. If don't this connection, please check your wireless network card is available.

Step 2:

Refresh network list in the new pop-up dialog box



Note: If don't show this page after double click wireless network connection, please right-click wireless network connection, and choose the available wireless connection (V).

Step 3:

After refreshing the network list, you will see your slave's SSID. It indicates WIFI function of your slave work normally.



Your slave's SSID, double click the connection

Step 4:

If WIFI part of your slave set the	无线网络连续		
wireless security. You need input password after double click, which you set at WEB interface.	Fight / Mercury / 要求時法書場。请職入書場,就后申由 "這樣"。     Fight 書句 (2):     (8人の時年191(2)):		
Input password			

Step 5: Connection successful

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网络任务 爱·勒斯阿达凡表	选择无线网络 单击以下判断中的项目以连接受反域内的无线网络或将项更多信息也)。	
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#### 5. Trouble shooting

# 5.1 When PC is connected with LAN port of the slave, the corresponding indicator light is OFF?

Answer: Maybe your network cable has a problem, or maybe a

network card, PCI slot, etc., please once again check the related equipment.

#### 5.2 How to reset the slave (Restore the factory settings)?

Answer: On the rear panel of the equipment, there is a round hole. This is Reset button. Or login WEB interface to reset the slave.

Step: Login WEB-->Tools-->Reset -->Reset button

After restore the slave to the factory settings, the default information as follow:

Username: admin

Password: admin

IP address: 192.168.1.1

Subnet mask: 255.255.255.0



# 5.3. "WAN Interface Status" shows all configured parameter, but the internet is still not available?

Answer: The reason maybe:

1. Not correctly configure the slave's own firewall; If you don't rather know the firewall of the slave, it is recommended that you turn off this

function: "Security" - > "Firewall Settings," not enable firewall (main switch), then click "Save". If you need to know more information about the firewall function, please contact our technical support

2. Your computer's DNS Settings of your computer is incorrect, please make sure that your computer's DNS information is the same with DNS information of the slave at "WAN Interface Status". If not same, please manually set DNS. Please refer to: Set your computer.

#### 5.4. Can't login WEB interface of the slave?

Answer: Please check respectively from the following aspects:

1. Make sure the network segment of your computer's IP address is the same with LAN port of the

2. Check the network cable is connected to the correct port (LAN), and the corresponding indicator light (Indicator lights of network card and the ) is normally flash;

3. Please make sure that your Internet explorer browser setting is correct. In the top row of the IE browser, "Tools" - "Internet options" - "Connections" to delete all "dial-up and virtual private network Settings" item, or each item attribute is set to "never dial-up connection". And cancel the Internet explorer browser to work offline state, i.e., remove the Internet explorer browser "File" - "work offline".

#### 5.5. y not show parameters at "WAN Interface Status"?

Answer: This kind of circumstance suggests that your slave is not connected to the Internet successfully. First of all, please make sure the network cable is connected correctly, and see if the indicator light of slave WAN port is normal. Second, please take a look at the recorded information at "Tools" -- "System log ". If the system log records that "password authentication failed", so maybe your username and password input is wrong, please confirm again and fill in again.

If the above method still can not solve the problem, maybe need to refresh your lines. Please make slave and ADSL modems (if you have this equipment) without electricity simultaneously for 5-10 minutes before use again

#### 5.6. Can't find the name of the wireless signal?

Answer:

- 1. Confirm to open the wireless function
- 2. Confirm not hide SSID
- 3. Confirm the accessed device supports wifi function
- 4. If can't resolved it by the above methods, please restore the slave to

the factory Settings by WEB interface

- 1. EOC isn't started
- 1) Check if the external power supply is correct.
- 2) Monitor if programs are started by Console port
- 2. There is no response at the serial port connection
- 1) Check the external power supply is correct.
- 2) Check if the serial port line sequence is correct.
- 3) Confirm the indicator light of the system is correct. If not, please contact the operator.
- 3. There is no response when USB is inserted into the equipment

1) Observe the program by Console port. There is no problem if show as the follow information, otherwise, please return it to the supplier for maintenance.

Setting Drop CRC Errors, Pause Frames and Length Error frames	
scsi 0:0:0:0: Direct-Access SanDisk Cruzer Blade 1.26 PQ: 0 ANSI:	5
sd 0:0:0:0: [sda] 31266816 512-byte logical blocks: (16.0 GB/14.9 GiB)	
sd 0:0:0:0: [sda] write Protect is off	
sd 0:0:0:0: [sda] Assuming drive cache: write through	
sd 0:0:0:0: [sda] Assuming drive cache: write through	
sda: sda1	
sd 0:0:0:0: [sda] Assuming drive cache: write through	
sd 0:0:0:0: [sda] Attached SCSI removable disk	

# The above information indicates the equipment isn't installed well, and can't login WEB interface.

1) The hardware connection is correct?

Link indicator light of the corresponding LAN port on the front panel and computer network card indicator must be ON.

2) The computer's TCP/IP Settings is correct?

If the IP address of the computer is automatic extracting described above, not need to be set. If you manually set IP, please note that if IP address of the router function is 192.168.1.1, then the computer IP address must be 192.168.1. X (X is any integer between 2 to 254), the subnet mask must be set to 255.255.255.0, and the default gateway must be set to 192.168.1.1.

#### Attachment

#### Clauses of Maintenance for Communication Series Products.

If you buy the communication series products manufactured by our company, we'll provide free maintenance and replacement service of 1 year.

# If inconsistent with the specific warranty terms, subject to contract:

- If the product is applied correctly according to the operation manual, but happened failures under the normal application condition, in 2nd and 3rd year, we would only charge the cost of the components.
- In the following cases, the maintenance cost will be charged(The cost fee of the components and labor)
  - a. Stricken by thunder high voltage, watering.
  - b. Damage caused by accidents.
  - c. Product exceeds the warranty period.
- 3. Manufacture statement

After receiving your goods, please check them and send back the receipt to our company. We will keep it in the archives as equipment warranty proof. Otherwise, our company will deem that the customers give up warranty service.