Installation guide for FCC application

${\bf 1.} Arris\ each\ port\ and\ LED\ function\ are\ as\ the\ Figure {\bf 1}\ show\ .$

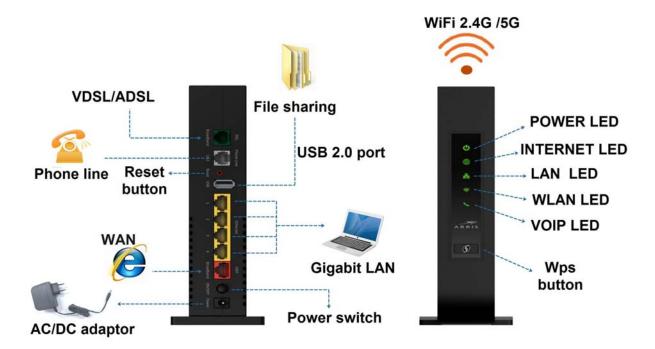
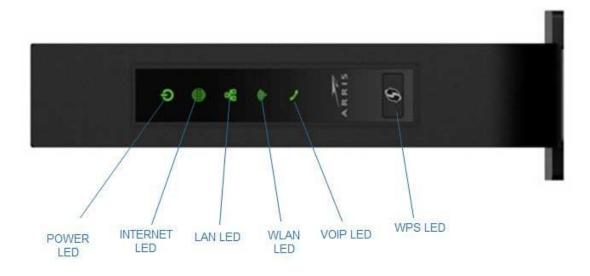


Figure1

1.1ARRIS Gateway Status Indicator Lights

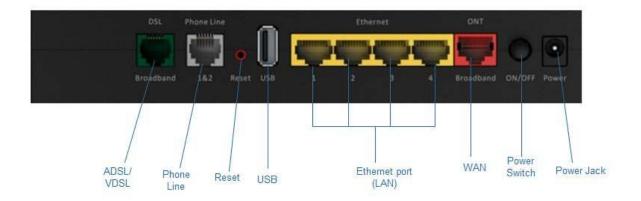
Colored LEDs on your ARRIS Gateway indicate the status of various port activity. (Figure 2)



LED	Action
POWER	Solid Green = The device is powered.
	Yellow=The device is bootting up.
	Off = The device is not powered.
INTERNET	Solid Green = Good broadband connection.
	Red = No broadband connection.
	Off = The device is not powered.
	Solid Green = This led will flash follow the LAN data.
LAN	Yellow=The led will turn on when the LAN ports exist connect ,and this led will turn
	off when the LAN ports disconnect .
	Off = The device is not powered, no cable or no powered devices connected to the
	Ethernet.
	Solid Green = 5G WIFI is connected.
WLAN	yellow =2.4G WIFI is connected.
	Red=WLAN function was turned off.
	Off = The device is not powered.
	Solid Green = This led will turn on when VOIP is calling.
VOIP	Yellow=The LED will turn on when the VOIP ports exist connect, and this led will
	turn off when the VOIP ports disconnect .
	Off = VOIP not in use, line not registered or Gateway power off.

Figure 2

1.2.Arris each port connecting introduction. (Figure3)



Item	I/O interface	Description
b	ADSL/VDSL Port	Connect to a modem.
С	VOIP port	Voice ports, please use RJ14 Y cable to connect a phone
d	USB port	USB 2.0 connector
е	LAN port	Ethernet RJ-45 LAN connect to PC
f	WAN port	Ethernet RJ-45 WAN connect to PC
h	POWER 12V/2.5A DC	Connect to the 12V/2.5A DC power adapter

Figure 3

2.Set up the ARRIS Gateway

Refer to your Quick start Guide for instructions on how to connect your ARRIS gateway to your power source, PC or local area network, and your Internet access point, whether it is a Fiber connection or a Gigabit Ethernet connection. Different ARRIS Gateway models are supplied for any of these connections. If Dynamic Addressing is not enabled on your PC, perform the following.(Figure 4)

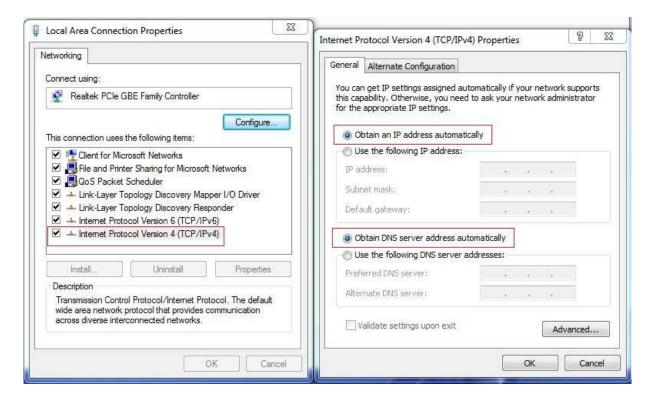


Figure 4

3. Accessing the Web Management Interface

Run your Web browser application, such as Firefox or Microsoft Internet Explorer, from the computer connected to the ARRIS Gateway.

Enter http://192.168.1.254 in the Location text box. Once the network type is determined, The device Status Page opens. Enter your user name and password and click "OK" button.username and password are both "admin".(Figure 5)

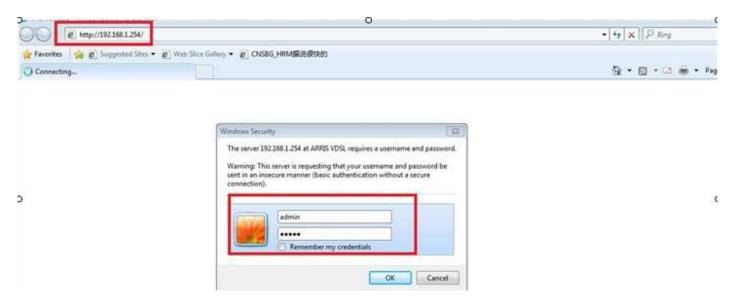


Figure 5

The Device Status Page opens.

The Device Status displays the following information in the center section. (Figure 6)

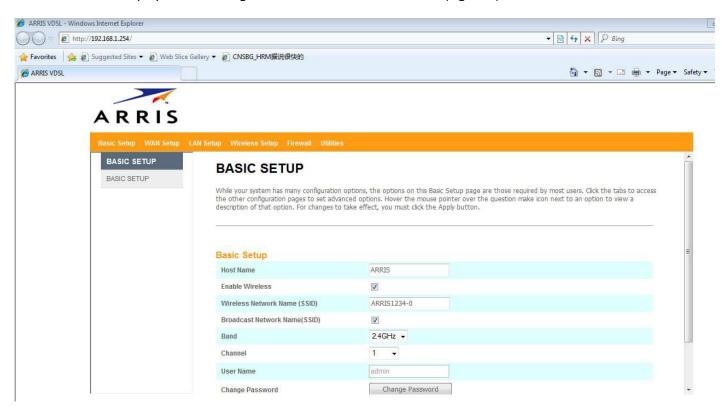


Figure 6

3.1Links Bar

The links bar at the top of each page allows you to configure different aspects of the features displayed on the page. (Figure 7)



Figure 7

3.2 Basic Setup

Click "Basic Setup", you can change user name and password, and other setting as the figure show. About WIFI setting, select "2.4G" or "5G" on "Band", then click "Apply/Save". (Figure 8)

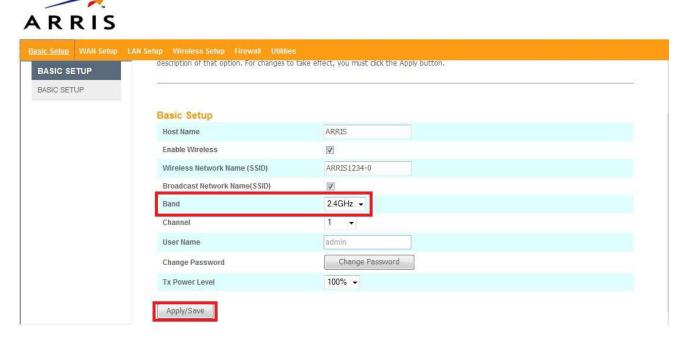


Figure 8

3.3 WIFI setting

Click "Wireless Setup" sub menu "Wireless 2.4G" or "Wireless 5G". Change WIFI SSID in "Wireless Network Name", then click "Apply/Save". (Figure 9)

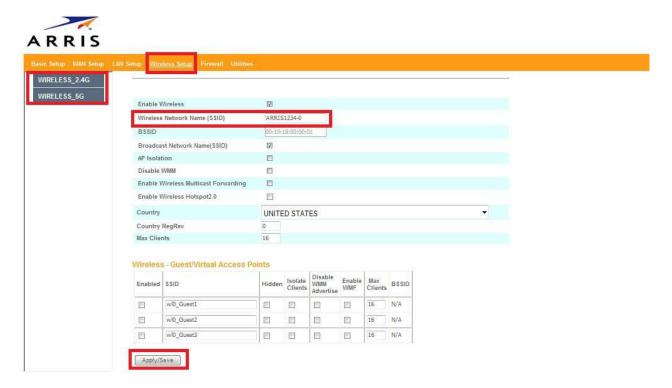


Figure 9

Click sub menu "SECURITY" to change WIFI password .select "WPA2-PSK" in "Network Authentication",then change password in "WPA/WAPI pass phrase"(Figure 10)



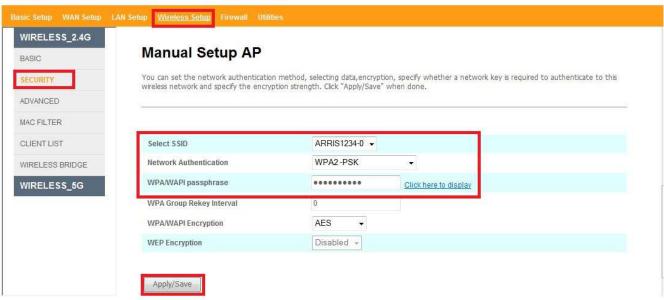
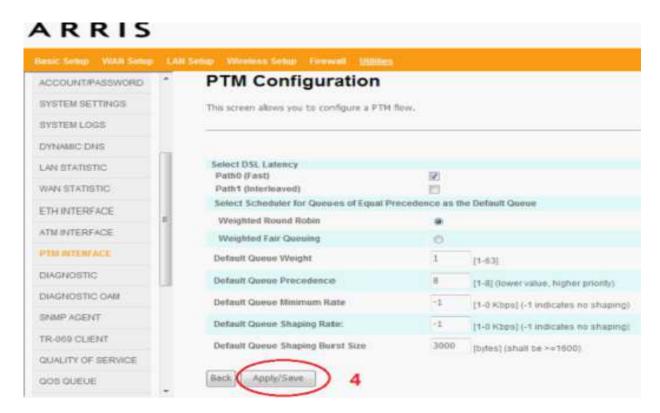


Figure 10

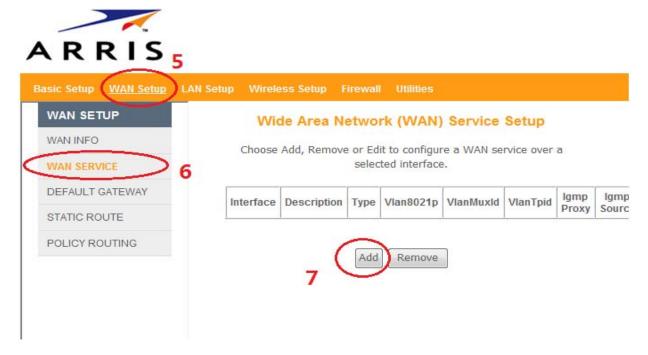
3.4 Setup VDSL

click 'Utilities' and select 'PTM INTERFACE'. Click 'add' and configure a PTM flow then apply.



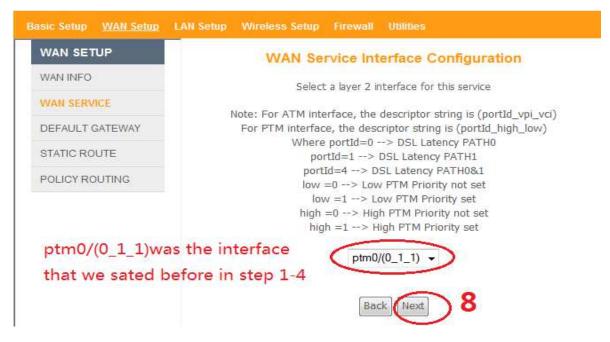


Click 'WAN SETUP' select 'wan service', then click 'add'. If you only want to set xDSL interface with default configure. Click next, next....and apply in the end.

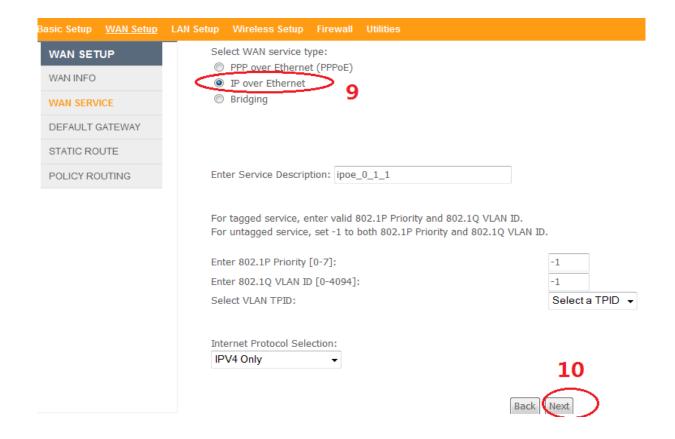


Select the interface you have set in step '1'. then next.





Select WAN service type under your environment. Here I select IPOE. Then next.

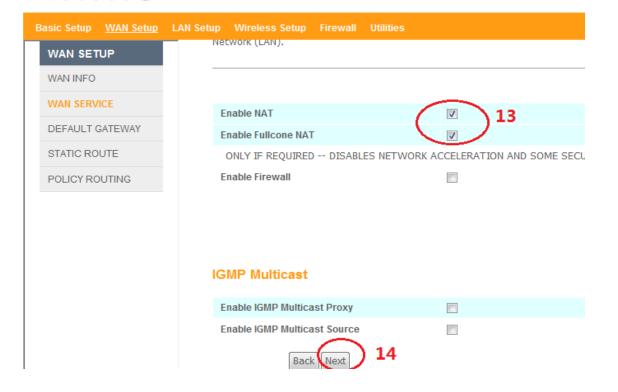


Wan IP set ... next and next.

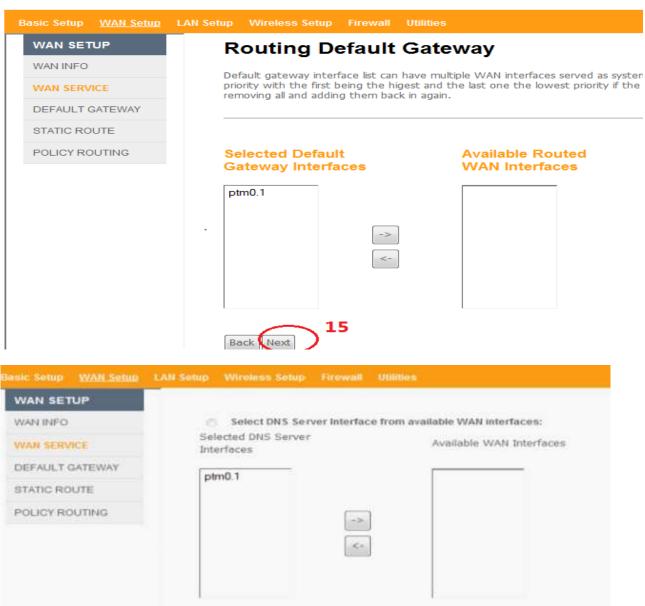


Default gateway...next.

ARRIS



ARRIS



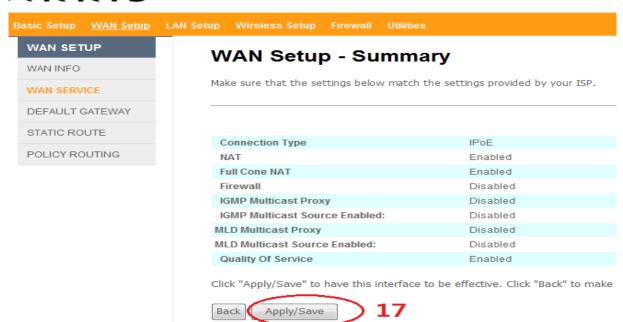
Use the following Static DNS IP address:

Primary DNS server: Secondary DNS server:

Back Next

In the end, click apply. You can see this

ARRIS





WAN SETUP	Wide Area Network (WAN) Service Setup														
WAN INFO	Choose Add, Remove or Edit to configure a WAN service over a selected interface.														
WAN SERVICE					, ricinote of	Lake to co.	gare a v	747 507710		orected in	COTTOCCT				
DEFAULT GATEWAY	Interface	Description	Туре	Vlan8021p	VlanMuxld	VlanTpid	Igmp Proxy	Igmp Source	NAT	Firewall	IPv6	Mld Proxy	Mld Source	Remove	Edit
STATIC ROUTE	ptm0.1	ipoe_0_1_1	IPoE	N/A	N/A	N/A	Disabled	Disabled	Enabled	Disabled	Disabled	Disabled	Disabled		Edit
POLICY ROUTING	-														

Federal Communication Commission Interference Statement

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For operation within $5.15 \sim 5.25 \text{GHz} / 5.47 \sim 5.725 \text{GHz}$ frequency range, it is restricted to indoor environment. The band from 5600-5650 MHz will be disabled by the software during the manufacturing and cannot be changed by the end user. This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 30cm between the radiator & your body.