

# **Quick Start Guide**

## BROADBAND ROUTER ipTIME IP0416

## 2WAN-QoS-VPN-NAT-DHCP-FIREWALL-10/100Mbps SWITCH





#### **BEFORE INSTALLATION**

- Firstly please confirm your computer OS (Windows 95,98,NT,ME,2000, XP, Linux, Mac) and Web browser (Internet Explorer 4.0 with JavaScript function、Netscape Navigator 4.0 or above version).
- Make sure there is LAN Card which has been correctly installed in your computer.
- 3. If you are xDSL user, please remember your user ID and password.
- If you connect Internet by LAN or MAN, please get following information from your network administrator: IP address is static or dynamic, DNS, default gateway, account and so on.

\* If your computer has installed ADSL PPPoE dial-up software before the installation of Broadband Router, please backup your installation software and uninstall your ADSL PPPoE dial-up software by Start->control panel->Add or Remove Programs.

## INSTALLATION

- Connect broadband cable (xDSL, Cable Modem or LAN/ Leased cable) with WAN port of Broadband Router.
- Connect your computer LAN card's port or your switch UPLINK port with one LAN port of Broadband Router by a common network cable.
- 3. Connect other PC to available LAN ports
- Connect the power supply to the router. It comes to self-detect state. After correct startup, RUN LED blink slowly. The router enters to its normal work state.

Note: All LAN ports of Broadband Router can automatically sense cross cable, so you can either use through cable or cross cable to connect LAN card or switch.



## LOCAL COMPUTER SET UP

By default, the DHCP server is activated. This makes easier the setting up of your computer to access and configure the router. We give here an example for PC running Windows XP. Please refer to user's manual on the CD if your computer is running other system.

The default configuration of Broadband Router is:

— IP address: **192.168.0.1** 

Users can setup static or dynamic IP configuration.

## Windows XP SETUP

- (1) Start Windows XP.
- (2) Click "Start"->" Panel Control"
- (3) Double click the "Network and Internet Connections" in "control panel".
- Click "Network connection"->"local area
   connection"->"properties"-> "Internet protocol (TCP/IP) " and "Properties".
- (5) Click "General ", Select "Obtain an IP address automatically" and "Obtain DNS server address automatically"
- (6) Click "**OK**"
- (7) Restart Windows XP

## **BROADBAND ROUTER SETUP**

## START INTERNET EXPLORER TO LOGIN

Run Internet Explorer, and click the "Stop " button in Internet Explorer's toolbar. Input <u>http://192.168.0.1</u> in Internet Explorer's address bar.

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♦ 192.168.0.1 is Default IP address of Router.

You may see the login web page. Click "Login" button and make relative configuration..

ipTIMI	E IP0416
100Mbps 2WAN	VPN Backup Router
WAN1 Interr Infor	net Connection mation
Conn. Type	DHCP
Conn. Status	Disconnected
WAN2 Interr Infor	net Connection mation
Conn. Type	DHCP
Conn. Status	Disconnected
LC	OGIN et Wizard



**Conn. Type:** BROADBAND ROUTER current connection type, Dynamic IP is default value.

**Conn. Status:** Broadband Router current connection Status

WAN IP: BROADBAND ROUTER WAN current IP address

**Connected PC:** IP address of the computer which connects to BROADBAND ROUTER.

## PPPoE(ADSL) USER SETUP

This connection way is suitable for virtual dial-up Internet connection.

- Open external ADSL Modem and check the WAN LED of BROADBAND ROUTER. If WAN LED is off, check the network cable between external modem and WAN port.
- Click "Basic setup "-> "WAN setup", as follows:

DNCOM					ipTIME IP04
Status	asic Setup System	NAT		Advance	b
AN Setup LAN/DHCP Setup L	.nik Setapoinfo Routing Table				
Basic Setup >> WAN Setup			Refresh	Save	Help
WAN Setup	,				
OHCP User (Cable Modem)	, VDSL, LAN, IP ADSL)				
Physical Address Clone	00 - 00 - 50 - 00 - 5A - 1	F	Sea	rch MAC ac	Idress
MTU	1500				
0					
O PPPoE User (ADSL)					
UserID					
Password					
MTU	1454				
Disconnect PPP session	if idle time is longer than Min				
Connect On Demand	Connect Manually				

- Select "PPPoE User (ADSL)" radio button.
- > Key in the "User ID" and "Password" provided by your Internet service provider.
- Click the "**Apply**" button.



- > The router will try to connect itself
- > If "Conn. State" is "Successfully connected", the configuration is correct.

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	Conn.	Туре	PPPoE User (ADSL)	
	Conn.	State	Successfully connected	
	Show Internet Information			

In case "Conn. Status" is "Invalid ID/password", the configuration is incorrect. Click the "close" button and check your ID& password.

🕙 comp	any_name model_	name - Microsoft Intern 🔳 🗖 🔀
	Conn. Type	PPPoE User (ADSL)
	Conn. State	Invalid ID/password
		Close

> If "Conn. Status" keeps unchanged, check whether your service type is correct.

#### Other Configuration:

Keep all other parameters with their default value. Consult the user's manual on the CD for more information

#### Other types of connection:

For Cable modem, IP ADSL or static IP connection, please refer to the manual

#### Internet Wizard

You can also use the Internet Wizard to establish an internet connection.



ipTIMI	E IP0416
100Mbps 2WAN	VPN Backup Route
WAN1 Interr Infor	net Connection mation
Conn. Type	DHCP
Conn. Status	Disconnected
WAN2 Interr Infor	net Connection mation
Conn. Type	DHCP
Conn. Status	Disconnected
LO	DGIN et Wizard

the Internet Wizard will show this :

IONCOM	ipTIME IP041
WAN1:: WAN Configuration Wizard	Exit Wizard
Tizard for TAH configuration How to configure the WAN interface	
<ul> <li>Automatic WAN configuration</li> <li>Wirard will search WAN connection method.</li> <li>DHCP or PPPoE modem can be detected.</li> </ul>	
C Manual WAN configuration User configure all WAN configurations.	
	Next >



If you select "Automatic WAN configuration", the router will automatic detect the WAN port setting.

ipTIME IP0416
Exit Wizard
< Prev Next >

if you select "Manual WAN configuration, the next figure will show:

WAN1:: WAN Configuration Wizard Exit Wizard That is internet connection type? © DHCP modem Cable, VDSL, PPPoE embedded ADSL and direct LAN service use this method IP address is assigned by DMCP server. © PPPOE ADSL service uses this method. Internet connection is established by PPPoE protocol. User I.D. and Password from ISP are needed for the configuration. © Static IP IP address is assigned from ISP statically. Use the IP address, subnet mask, gateway address and DRS from ISP.	P041
<ul> <li>WAN1:: WAN Configuration Wizard Exit Wizard</li> <li>That is internet connection type?</li> <li>OHCP modem         <ul> <li>Cable, VDSL, PPPoE embedded ADSL and direct LAN service use this method IF address is assigned by DHCP server.</li> <li>O PPPoE</li></ul></li></ul>	
<pre>/AN1:: WAN Configuration Wizard Exit Wizard That is internet connection type?      OHCP modem         Cable, VDSL, PFPoE embedded ADSL and direct LAN service use this method         IF address is assigned by DHCP server.      O PPPoE         ADSL service uses this method.         Internet connection is established by PFPoE protocol.         User I.D. and Password from ISP are needed for the configuration.      Static IP         IF address is assigned from ISP statically.         Use the IP address, subnet mask, gateway address and DNS from ISP. </pre>	
AN1:: WAN Configuration Wizard       Exit Wizard         That is internet connection type?       Image: Cable, VDSL, PFPoE embedded ADSL and direct LAN service use this method IF address is assigned by DHCP server.         C PPPoE       ADSL service uses this method. Internet connection is established by PFPoE protocol. User I.D. and Password from ISP are needed for the configuration.         C Static IP       If address is assigned from ISP statically. Use the IP address, subnet mask, gateway address and DNS from ISP.	
That is internet connection type?  C DHCP modem Cable, VDSL, PFPoE embedded ADSL and direct LAN service use this method IF address is assigned by DHCP server.  PPPOE ADSL service uses this method. Internet connection is established by PFPoE protocol. Vser I.D. and Password from ISP are needed for the configuration.  C Static IP IF address is assigned from ISP statically. Vse the IP address, subnet mask, gateway address and DNS from ISP.	rd
<ul> <li>C DHCP modem         <ul> <li>Cable, VDSL, PPPoE embedded ADSL and direct LAN service use this method IP address is assigned by DHCP server.</li> <li>C PPPoE</li></ul></li></ul>	
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Cable, VDSL, PPPoE embedded ADSL and direct LAN service use this method IP address is assigned by DHCP server. C PPPoE ADSL service uses this method. Internet connection is established by PPPoE protocol. User I. D. and Password from ISP are needed for the configuration. C Static IP IP address is assigned from ISP statically. Use the IP address, subnet mask, gateway address and DNS from ISP.	
IF address is assigned by DHUP server. C PPPOE ADSL service uses this method. Internet connection is established by PPPoE protocol. User I.D. and Password from ISP are needed for the configuration. C Static IP IF address is assigned from ISP statically. Use the IP address, subnet mask, gateway address and DNS from ISP.	
<ul> <li>C PPPOE         ADSL service uses this method.         Internet connection is established by PPPoE protocol.         User I. D. and Password from ISP are needed for the configuration.     </li> <li>C Static IP         IP address is assigned from ISP statically.         Use the IP address, subnet mask, gateway address and DNS from ISP.     </li> </ul>	
ADSL service uses this method. Internet connection is established by PPPoE protocol. User I.D. and Password from ISP are needed for the configuration. C Static IP IP address is assigned from ISP statically. Use the IP address, subnet mask, gateway address and DNS from ISP.	
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Now, you can select your Wan link, DHCP modem means the WAN port will receive a IP from DHCP server. PPPoE means you can use PPPoE protocol to link the xDSL line. Static IP means you must type in the IP address from ISP.