

i Baton® ball

Quick Installation Guide

VDSL2 Gateway Router

Model no.: iB-WVG300N



Ver.: 1.0.0

FCC STATEMENT



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 or more 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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation.

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

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

“To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.”

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

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Package List

- VDSL2 Gateway Router
- 2 x 5dBi Antenna (Fixed)
- Power Adapter
- 2 x RJ11 Patch Cord
- RJ45 Patch Cord
- ADSL Splitter
- Cd & Quick Installation Guide

Note:

Make sure that the package contains the above items. If any of the listed items are damaged or missing, please contact the vendor from whom you have purchased the product.

Product Overview

Quick Installation Guide will help you to configure iBall Baton iB-WVG300N (VDSL2 Gateway Router) quickly & easily.

Introduction

VDSL2 Gateway Router – Very high speed digital subscriber line (**VDSL Technology**) supporting ITU G.993.2 standard that uses existing twisted copper cable to provide high speed downstream up to 100Mbps

- VDSL2 Profile support : 8a, 8b,8c,12a,12b & 17a
- VDSL2 Bandplan support: Plan 997, Plan 998

MIMO technology – 5dBi x 2 Internal Omni-directional Antenna provides better throughput, stability & wireless performance.

Quad WAN Router

- ADSL Internet (xDSL)
- VDSL Internet (xDSL)
- Broadband Internet (Cable / DSL)
- 3G Internet

With Auto-Failover & Failback between

- 3G < > ADSL / 3G < > VDSL / 3G < > DSL

USB Port with Multi-function features

- *Storage Sharing & DLNA Media Server*

Wireless On/Off: Allows turning off wireless function not in use.

WPS (Wi-Fi Protected Setup): Automatically establishing WPA2 secure wireless connection

For detailed instructions, please refer to the User Guide in the Resource CD.

Product Features

Complies with IEEE802.3 & IEEE802.3u standards

Complies with IEEE 802.11b/g/n standards

Enhanced 300Mbps Wireless data transmission speed

VDSL2 Internet - Configure Internet with (RJ11) WAN port

ADSL2 Internet - Backward compatible as configure with (RJ11) WAN port

Broadband Internet (Cable / DSL) - Configure Internet with (RJ45) WAN port

3G Internet - Access 2G/3G Internet with GSM/CDMA compatible data card

3 - 10/100Mbps LAN Port

1 WAN/ LAN (Interchangeable) & 1 (RJ11) WAN Port

IPv6 Ready | Multi-SSID Security

Guest SSID: Access secure Wireless access to guest users

Wireless security such as WEP, WPA & WPA2

AP Isolation and wireless schedule

Built-in firewall, supporting IP/MAC filter, Application filter and URL filter.

Virtual Server, DMZ host, Dynamic DNS, UPnP and Static Routing

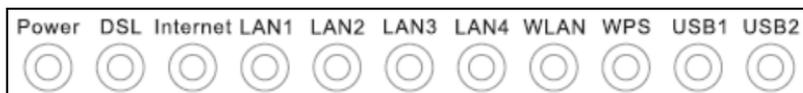
With SNMP & DHCP server

5-dBi x 2 Omni-Directional Antenna type

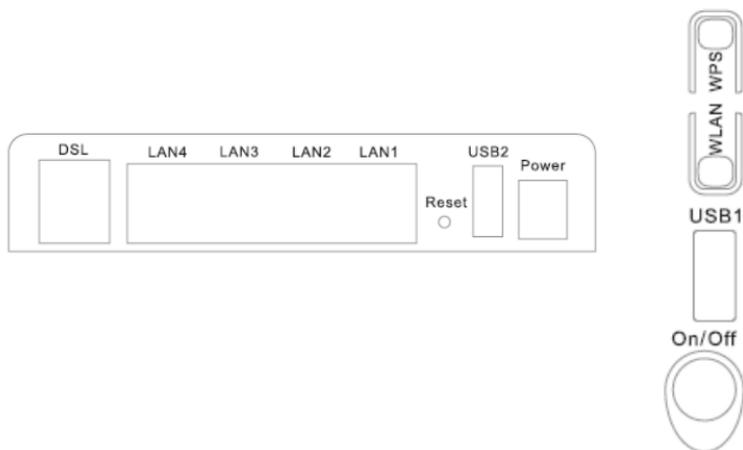
Hardware Information and Installation

Hardware Information

4.1.1 Front Panel



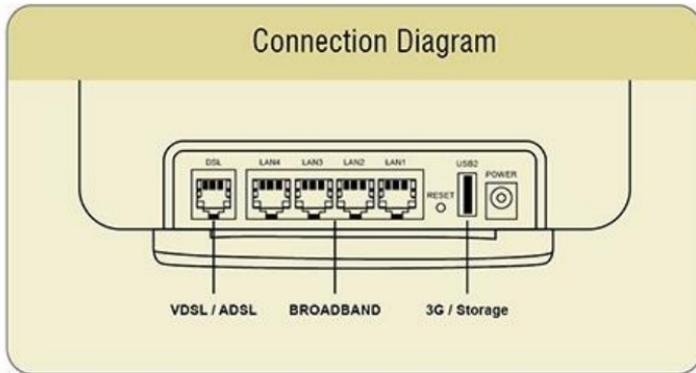
4.1.2 Rear Panel and Side Panel



4.1.3 LED Indicator

The following table describes the indicators on the front panel.

Indicator	Color	Status	Description
Power	Green	On	The device is powered on and the device operates normally.
		Blink	The software is upgrading.
		Off	The device is powered off.
	Red	On	The device is initiating.
		Blink	The software is upgrading.
DSL	Green	On	DSL link has established.
		Blink	The DSL line is training.
		Off	Device is powered off.
Internet	Green	On	Internet is synchronized successfully in the route mode.
		Blink	Internet data is being transmitted.
		Off	Ethernet interface is disconnected.
	Red	On	Authentication has failed.
LAN 1/2/3/4	Green	On	The Ethernet interface is connected.
		Blink	Data is being transmitted through the Ethernet interface.
		Off	The Ethernet interface is disconnected.
USB1/2	Green	On	The connection of 3G or USB flash disk has established.
		Blink	Data is being transmitted.
		Off	No signal is detected.
WLAN	Green	On	WLAN is enabled.
		Blink	Data is being transmitted through the wireless interface.
		Off	WLAN is disabled.
WPS	Green	On	Connection succeeds under Wi-Fi Protected Setup.
		Blink	Negotiation is in progress under Wi-Fi Protected Setup.
		Off	Wi-Fi Protected Setup is disabled.



4.2 Hardware Installation

4.2.1 Connecting the Device

Step 1 Connect the **DSL** port of the router and the Modem port of the splitter with a telephone cable; connect the phone to the phone port of the splitter through a cable; and connect the incoming line to the Line port of the splitter.

The splitter has three ports:

Line: Connect to a wall phone jack (RJ-11 jack)

Modem: Connect to the Line interface of the router

Phone: Connect to a telephone set

Step1 Connect the **LAN** port of the router to the network card of the PC through an Ethernet cable.

Step2 Plug the power adapter to the wall outlet and then connect the other end of it to the **Power** port of the router.

Note: If you use 3G WAN service, connect the 3G USB data card to the USB port of the router.

5 Web Configuration

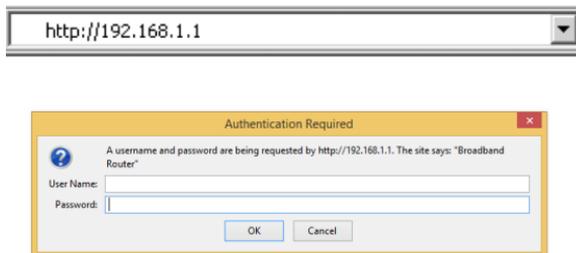
Network Configuration on PC

Take Windows as an example.

- Step1** Click **Start > Control Panel > Network and Internet > Network and Sharing Center**.
- Step2** **Change Adapter Settings > Local Area Connection**. Right-click **Local Area Connection** and choose **Properties**.
- Step3** Double-click **Internet Protocol Version 4 (TCP/IPv4)**.
- Step4** Select **Obtain an IP address automatically** and **Obtain DNS server address automatically** and then click **OK**. If you select **Use the following IP address**, set IP address of the PC as 192.168.1.X (2~254), subnet mask as 255.255.255.0, and enter DNS server provided by your ISP.

5.1 Login to the Router

To connect to the Router, you should set up the LAN Connection TCP/IP setting of the PC to "Obtain an IP address automatically". Launch a suitable web browser and type **192.168.1.1** in the address bar of the browser.



After that, the login screen shows. Enter the default User Name **admin** and Password **admin**

5.2 Login Menu

After logging in to the VDSL router as an admin user, the following page is displayed.

i
Baton
VDSL2 Gateway Router

Status Info
Network Setting
Wireless
Diagnostics
Diagnostics Tools
System Tools

Status Info

Model No	B-WV G300N
Symmetric CPU Threads:	2
Manufacturer:	Bal Baton
MAC Address:	001ea638c2df
Build Timestamp:	201412120937
Software Version:	4.12L_08
Bootloader (CFE) Version:	1.0.38-114.170
DSL PHY and Driver Version:	A2p-v6F039_c24h
Wireless Driver Version:	6.30.163.23.cpe4.12L
Uptime:	0D 1H 57M 41S

This information reflects the current status of your WAN connection.

B0 Traffic Type:	PTM
B0 Line Rate - Upstream (Kbps):	5981
B0 Line Rate - Downstream (Kbps):	29999
B1 Traffic Type:	Inactive
B1 Line Rate - Upstream (Kbps):	0
B1 Line Rate - Downstream (Kbps):	0
LAN IPv4 Address:	192.168.1.1
Default Gateway:	ppp0.1
Primary DNS Server:	59.185.0.23
Secondary DNS Server:	59.185.0.50
LAN IPv6 Address:	
Default IPv6 Gateway:	
Date/Time:	Wed Dec 17 19:06:59 2014

5.3 WAN Interface

5.3.1 ADSL Connection

Choose **Network Setting > WAN Interface > ADSL**

In this page, you can add or remove to configure ADSL Interfaces.

Status Info

Network Setting

WAN Interface

ADSL

VDSL

Broadband

WAN Setup

3G WAN Setup

ADSL Interface Configuration

Choose Add or Remove to configure ADSL Connection.

Interface	VPI	VCI	DSL Latency	Category	Peak Cell Rate(Kbit/s)	Sustainable Cell Rate(Kbit/s)	Max. Burst Size(Kbytes)	Min. Cell Rate(Kbit/s)	Link Type	Connection Mode	SP QoS	IPQoS Preced/Algo/Traffic	Remarks
[Add] [Remove]													

Click **Add** to add ATM Interface and the following page appears.

ATM PVC Configuration

This screen allows you to configure a ATM PVC.

VPI: [0-255]

VCI: [32-65535]

Select DSL Latency

Path0 (Fast)

Path1 (Interleaved)

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

EoA

PPPoA

IPoA

Encapsulation Mode:

Service Category:

Select Scheduler for Queues of Equal Precedence as the Default Queue

Weighted Round Robin

Weighted Fair Queuing

Default Queue Weight: [1-63]

Default Queue Precedence: [1-8] (lower value, higher priority)

VC WRR Weight: [1-63]

VC Precedence: [1-8] (lower value, higher priority)

Note: VC scheduling will be SP among unequal precedence VC's and WRR among equal precedence VC's. For single queue VC, the default queue precedence and weight will be used for arbitration. For multi-queue VC, its VC precedence and weight will be used for arbitration.

In this page, need to enter this PVC (VPI and VCI) value, and select ADSL link type (EoA is for PPPoE, IPoE, and Bridge.), encapsulation mode, service category.

VPI (Virtual Path Identifier): The virtual path between two points in an ATM network, and its valid value is from 0 to 255.

VCI (Virtual Channel Identifier): The virtual channel between two points in an ATM network, ranging from 32 to 65535 (1 to 31 are reserved for known protocols).

DSL Link Type: EoA (it is for PPPoE, IPoE, and Bridge), PPPoA, or IPoA

Encapsulation Mode: LLC/SNAP-BRIDGING, or VC/MUX

Service Category: UBR Without PCR, UBR With PCR, CBR, Non Realtime VBR, Realtime VBR.

Select Scheduler for Queues of Equal Precedence as the Default Queue: Weighted Round Robin or Weighted Fair Queuing.

Click **Apply/Save** to save the configuration, and return the following page:

DSL ATM Interface Configuration												
Choose Add, or Remove to configure DSL ATM interfaces.												
Interface	Vpi	Vci	DSL Latency	Category	Peak Cell Rate (cells/s)	Sustainable Cell Rate(cells/s)	Max Burst Size(bytes)	Link Type	Conn Mode	IP QoS	MPPAAL Prec/Alg/Wight	Remove
atm0	0	36	Peth0	UBR				EoA	VlanMuxMode	Support	8/WR/1	<input type="checkbox"/>
<input type="button" value="Add"/> <input type="button" value="Remove"/>												

If you want to remove this Interface, please select the **Remove** check box and click **Remove**.

5.3.2 VDSL Connection

Choose **Network Setting > WAN Interface > VDSL**, and the following page appears. In this page, you can add or remove to configure VDSL Interfaces.

Interface	DSL Latency	PTH Priority	Connection Mode	IP QoS	Remove
gsm0	Path0	NormalHigh	VlanMuxMode	Support	

[Add] [Remove]

Click **Add** and the following page appears.

This screen allows you to configure a VDSL Configuration.

Select DSL Latency

Path0 (Fast)

Path1 (Interleaved)

Select Scheduler for Queues of Equal Precedence as the Default Queue

Weighted Round Robin

Weighted Fair Queuing

Default Queue Weight: [1-63]

Default Queue Precedence: [1-8] (lower value, higher priority)

Default Queue Shaping Rate: [Kbits/s] (blank indicates no shaping)

Default Queue Shaping Burst Size: [bytes] (shall be >=1600)

[Back] [Apply/Save]

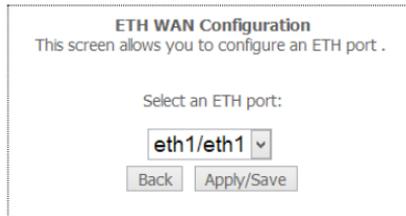
In this page, you can select scheduler for queues of equal precedence and enter the queue value. Click **Apply/Save** to save configuration.

5.3.3 Broadband Connection

Choose **Network Setting** > **WAN Interface** > **Broadband**, and the following page appears. In this page, you can add or remove to configure Broadband WAN.



Click **Add** and the following page appears.



In this page, you can select a ETH port. Click **Apply/Save** to save configuration.

Note: If Broadband is selected, there are two WAN service types (PPPoE and IPoE).

5.4 WAN Interface

Choose **Network Setting > WAN Setup**, and the following page appears.

WAN (Wide Area Network) Setup												
Choose Add, Remove or Edit to configure a WAN Setup over a selected Interface.												
Interface	Description	Type	Vlan802.Ip	VlanMuxId	Igmp	NAT	Firewall	IPv4	IPv6	Mkl	Remove	Action
ppp0.1	pppoe_0_1_1.1434	PPPoE	7	1434	Disabled	Enabled	Enabled	Enabled	Disabled	Disabled	<input type="checkbox"/>	<input type="button" value="edit"/> <input type="button" value="Down"/>
<input type="button" value="Add"/> <input type="button" value="Remove"/>												

In this page, you can add, remove, or edit a WAN setup.

Note: ADSL / VDSL / Broadband Connection has different WAN Connection service types: PPP over Ethernet (PPPoE), IP Over Ethernet (Dynamic IP / Static IP) and Bridging.

You need to configure the WAN Interface according your ISP settings.

5.34.1 Configuring PPPoE WAN Service

This section describes the steps for adding the PPPoE WAN service.

Click the **Add** button to display the following page. (At first, you must add a proper ADSL or VDSL interface for this WAN service.)

WAN Service Interface Configuration
Select a layer 2 interface for this service
Note: For ATM interface, the descriptor string is (portId_vpi_vci) For PTM interface, the descriptor string is (portId_high_low) Where portId=0 --> DSL Latency PATH0 portId=1 --> DSL Latency PATH1 portId=4 --> DSL Latency PATH0&1 low =0 --> Low PTM Priority not set low =1 --> Low PTM Priority set high =0 --> High PTM Priority not set high =1 --> High PTM Priority set
<input type="text" value="atm0/ (0_0_36)"/>
<input type="button" value="Back"/> <input type="button" value="Next"/>

In this page, you can select a ATM Interface for the WAN service. After selecting the ATM interface, click **Next** to display the following page.

WAN Service Configuration

Select WAN service type:

PPP over Ethernet (PPPoE)
 IP over Ethernet
 Bridging

Enter Service Description:

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.

Enter 802.1P Priority [0-7]:

Enter 802.1Q VLAN ID [0-4094]:

Network Protocol Selection:(IPv6 Only not support)

In this page, select the WAN service type to be **PPP over Ethernet (PPPoE)**. Click **Next** to display the following page.

PPP Username and Password

PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you.

PPP Username:

PPP Password:

PPPoE Service Name:

Authentication Method:

MTU[576-1500]:

Enable Fullcone NAT
 Dial on demand (with idle timeout timer)
 PPP IP extension
 Use Static IPv4 Address
 Enable PPF Debug Mode
 Bridge PPPoE Frames Between WAN and Local Ports

Multicast Proxy

Enable IGMP Multicast Proxy

In this page, you can modify the PPP username, PPP password, PPPoE service name and authentication method.

PPP Username: The correct user name provided by your ISP.

PPP Password: The correct password provided by your ISP.

PPPoE Service Name: If your ISP provides it to you, please enter it. If not, do not enter any information.

Authentication Method: The value can be AUTO, PAP, CHAP, or MSCHAP. Usually, you can select AUTO.

Enable Fullcone NAT: NAT is one where all requests from the same internal IP address and port are mapped to the same external IP address and port. Furthermore, any external host can send a packet to the internal host, by sending a packet to the mapped external address.

Dial on demand (with idle timeout timer): If this function is enabled, you need to enter the idle timeout time. Within the preset minutes, if the modem does not detect the flow of the user continuously, the modem automatically stops the PPPoE connection. Once it detects the flow (like access to a webpage), the modem restarts the PPPoE dialup. If this function is disabled, the modem performs PPPoE dial-up all the time. The PPPoE connection does not stop, unless the modem is powered off and DSLAM or uplink equipment is abnormal.

PPP IP extension: If you want to configure DMZ Host, you should enable it first.

Use Static IPv4 Address: If this function is disabled, the modem obtains an IP address assigned by an uplink equipment such as BAS, through PPPoE dial-up. If this function is enabled, the modem uses this IP address as the WAN IP address.

Enable PPP Debug Mode: Enable or disable this function.

Bridge PPPoE Frames Between WAN and Local Ports: Enable or disable this function.

Enable IGMP Multicast Proxy: If you want PPPoE mode to support IPTV, enable it.

After setting the parameters, click **Next** to display the following page.

Routing -- Default Gateway

Default gateway interface list can have multiple WAN interfaces served as system default gateways but only one will be used according to the priority with the first being the highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again.

Selected Default Gateway Interfaces	Available Routed WAN Interfaces
ppp0.1	ppp1.1

->
<-

Back Next

In this page, select a preferred WAN interface as the system default gateway and then click **Next** to display the following page.

DNS Server Configuration

Select DNS Server Interface from available WAN interfaces OR enter static DNS server IP addresses for the system. In ATM mode, if only a single PVC with IPoA or static IPoE protocol is configured, Static DNS server IP addresses must be entered.

DNS Server Interfaces can have multiple WAN interfaces served as system dns servers but only one will be used according to the priority with the first being the highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again.

Select DNS Server Interface from available WAN interfaces:

Selected DNS Server Interfaces	Available WAN Interfaces
ppp0.1	ppp1.1

->
<-

Back Next

In this page, you can obtain the DNS server addresses from the selected WAN interface. Click **Next**, and the following page appears.

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

Connection Type:	PPPoE
NAT:	Enabled
Full Cone NAT:	Enabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Disabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

Step5 In this page, it displays the information about the PPPoE settings. Click **Apply/Save** to save and apply the settings.

5.4.1 Configuring Bridge WAN Interface

This section describes the steps for adding the Bridge WAN service.

In the **Wide Area Network (WAN) Service Setup** page, click the **Add** button to display the following page. (At first, you must add a proper ATM or PTM interface for this WAN service.) Click the **Add** button to display the following page.

WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portId_vpi_vci)
 For PTM interface, the descriptor string is (portId_high_low)
 Where portId=0 --> DSL Latency PATH0
 portId=1 --> DSL Latency PATH1
 portId=4 --> DSL Latency PATH0&1
 low =0 --> Low PTM Priority not set
 low =1 --> Low PTM Priority set
 high =0 --> High PTM Priority not set
 high =1 --> High PTM Priority set

atm0/ (0_0_36) ▼

Select the proper ATM Interface and then click **Next** to display the following page.

WAN Service Configuration

Select WAN service type:

PPP over Ethernet (PPPoE)

IP over Ethernet

Bridging

Enter Service Description:

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.

Enter 802.1P Priority [0-7]:

Enter 802.1Q VLAN ID [0-4094]:

In this page, you can select the WAN service type, and modify the service description for this service. After finishing setting, click **Next** to display the following page.

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

Connection Type:	Bridge
NAT:	Disabled
Full Cone NAT:	Enabled
Firewall:	Disabled
IGMP Multicast:	Not Applicable
Quality Of Service:	Enabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

In this page, it displays the information about the bridge settings. Click **Apply/Save** to save and apply the settings. You can modify the settings by clicking the **Back** button if necessary.

5.5 3G WAN Setup

Choose **Network Setting > 3G WAN Setup** , and the following page appears.

Modem Status NO USB CARD

3G WAN Settings
Choose Add, Remove or Edit to configure a 3G WAN Interface.

Interface	Description	Type	Vlan802.1p	VlanMuxId	Igmp	NAT	Firewall	IPv6	Mld	Remove	Edit	Action
<input type="button" value="Add"/> <input type="button" value="Remove"/> <input type="button" value="Information"/> <input type="button" value="Pin Manage"/> <input type="button" value="Upload Driver"/>												

This page is used to configure 3G connection. If you want to access the Internet through 3G connection, a 3G network card is required. Connect the 3G network card to the USB interface of the Router.

Information: Click it to display the information of the 3G network card.

Pin Manage: Click it to configure the 3G PIN.

Upload Driver: For a un-support USB dongle, click it to upload the new driver for supporting the USB. The driver is a text file.

Click **Add** in the **WAN Service For 3G Mobile Setup** to display the following page.

3G USB mobile modem setup

Support NDIS

User Name:

Password:

Authentication Method:

APN:

Dial Number:

Net Select:

Dial on demand

Dial Delay(in sec.):

Default WAN:

WAN Failover: DSL IP connectivity

In this page, you are allowed to configure the settings of the 3G USB modem.

User Name: Username provided by your 3G ISP.

Password: Password provided by your 3G ISP.

Authentication Method: Select a proper authentication method in the drop-down list. You can select Auto, PAP, CHAP, or MSCHAP.

APN: APN (Access Point Name) is used to identify the service type. Enter the APN provided by your 3G ISP.

Dial Number: Enter the dial number provided by your 3G ISP.

Idle time (in sec.): If no traffic for the preset time, the 3G will disconnect automatically.

Net Select: Select the 3G network that is available. You may select EVDO, WCDMA, CDMA2000, TD-SCDMA, GSM, or Auto.

Dial on demand: Within the preset minutes, if the modem does not detect the flow of the user continuously, the modem automatically stops the 3G connection. Once it detects the flow (like access to a webpage), the modem restarts the 3G dial-up.

Dial Delay (in sec.): The 3G delays dial after the DSL is disconnected.

Default WAN Connection Select: You can select DSL or 3G from the drop-down list.

WAN Failover: 3G connection is backup for the DSL connection.

You may also click the **auto setting** button to automatically configure the 3G connection.

Default WAN:	xDSL or Broadband OR ETHERNET
WAN Failover:	3G

DSL: If the DSL is disconnected, the 3G starts to dial.

IP connectivity: If the system fails to ping the specified IP address, the 3G starts to dial.

After finishing setting, click the **Apply/Save** button to save the settings.

modem status: Unconfigured

Wide Area Network (WAN) Service for 3G Mobile Setup
Choose Add, Remove or Edit to configure a WAN service For 3G Mobile interface.

Interface	Description	Type	Vlan8021p	VlanMaxId	Icmp	NAT	Firewall	IPv6	Mfd	Remove	Edit	Action
ppp3g0	mobile	mobile	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	--	<input type="button" value="edit"/>	<input type="button" value="Dial"/>

Note: When there is no DSL WAN connection, insert the 3G network card, and then system will perform dial-up automatically.

If the DSL WAN connection and the 3G connection coexist, the DSL WAN connection takes priority over the 3G connection. When the DSL WAN connection starts to perform dial-up, the 3G connection will be disconnected. If the DSL WAN connection has established, you may manually to perform 3G dial-up, and then the DSL WAN connection will be disconnected.

Note: Compatible GSM/CDMA data card will only detect in USB slot to support 2G/3G Internet

6 Wireless settings

In following page, you can set SSID and encryption for different SSID TO configure wireless settings

Status Info
 Network Setting
Wireless
 Basic
 Security
 MAC Filter
 Bridge
 Advanced
 Wireless Clients
 Diagnostics
 Diagnostics Tools
 System Tools

Enable Wireless
 Enable Wireless Hotspot2.0 [WPA2 is required!]
 Hide Access Point
 AP Isolation
 Disable WMM Advertise
 Enable Wireless Multicast Forwarding (WMF)



SSID:
 BSSID: 00:1E:A6:38:B2:E0
 Country: ▼
 Max Clients:

Wireless - Guest/Virtual Access Points:

Enabled	SSID	Hidden	Isolate Clients	Enable WMM Advertise	Enable WMF	Enable HSPOT	Max Clients	BSSID
<input checked="" type="checkbox"/>	iBall-Baton_1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	16	00:1f:a6:38:b2:e1
<input checked="" type="checkbox"/>	iBall-Baton_2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	16	00:1f:a6:38:b2:e2
<input checked="" type="checkbox"/>	Guest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	16	00:1f:a6:38:b2:e3

For wireless security, it is recommended to set the encryption mode to WPA2 and then enter a password.



QR Code

You can also access router GUI menu through any of mobile devices. Just scan the QR code, Default **SSID** iBall-Baton will appear on to access router GUI menu and configure router settings

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Contact Information

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