

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Route
	Home	Status	Network	Wireless	Advanced	Security	Tools
Basic	WPS					Helpful Hin	its
Guest Network	Band	2.4GHz		•		Wi-Fi Protected	
Security	SSID	Tenda_01	703D			makes it easy t users who know	w little of
Advanced	Device PIN	19505138	3			wireless securi a secure wirele	·
Wireless Access Control	Enable WPS	C Disable	e 💽 Enable			network, as we new devices to	
Wireless Extender	WPS Mode	⊙ PBC C	PIN			network withou long passphras	2
WPS		Reset O	OB Start F	PBC		configuring cor settings. Simple	
Wireless Connection Status						code or press	the software
		Sa	ve Cance	el		PBC button or I button (if any) wireless conne established	and a secure

You can use the following 4 methods to establish a WPS connection:

Method 1: Establish a WPS connection using PBC on the Web Manager:

- **1** Select a band, for example, 2.4GHz.
- 2 Click Enable.
- **③** Click **Save** to save your settings.
- **4** Click **Start PBC**.

(5) The WPS LED on this router will keep blinking for 2 seconds. Within these 2 minutes, enable WPS/PBC on the wireless client to join your wireless network.

Method 2: Establish a WPS connection using the hardware WPS button on the device:

1 Select a band, for example, 2.4GHz.

2 Click Enable.

③ Click **Save** to save your settings.

Press and hold the WPS button on the back panel of this router for about
1-3 seconds and then release it.

The WPS LED on this router will keep blinking for 2 seconds. Within these2 minutes, enable WPS/PBC on the wireless client to join your wireless network.

Tenda

Method 3: Establish a WPS connection using the 8-digit PIN code from the wireless network adapter:

1 Select a band, for example, 2.4GHz.

2 Click **Enable**.

3 Select **PIN** and enter the 8-digit PIN code from the wireless network adapter.

4 Click **Save** to save your settings.

(5) Click **Start PIN**.

6 The WPS LED on this router will keep blinking for 2 seconds. Within these

2 minutes, enable WPS/PIN- Enrollee on the wireless client to join your wireless network.

Method 4: Establish a WPS connection using the 8-digit PIN code from the device:

- **(**) Select a band, for example, 2.4GHz.
- **2** Click **Enable**.
- 3 Select PIN.

(d) Click **Save** to save your settings.

(5) Click **Start PIN**.

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To quickly join a secured wireless network with WPS

If you have already secured your wireless network with WPS or WPA2-PSK or Mixed WPA/WPA2-PSK and you want to join your wireless network but you hate to enter or forget the security key, do as follows:

Method 1: Establish a WPS connection using the hardware WPS button on the router:

① Check the WPS LED status on the router. It should display a solid light.

Press and hold the WPS button on the back panel of this router for about
 1-3 seconds and then release it.

3 The WPS LED on this router will keep blinking for 2 seconds. Within these

2 minutes, enable WPS/PBC on the wireless client to join your wireless network.

Method 2: Establish a WPS connection using the 8-digit PIN code from the router:

- ① Check the WPS LED status on the router. It should display a solid light.
- Enable WPS/PIN- Registrar on the wireless client and enter the 8-digit PINcode from your router to join your wireless network.

3.8 Connection Status

Click **Wireless** -> **Connection Status**. Here you can see a list of wireless devices connected to the router.

Tenda	Version V4.0(0.2.(7514) Product Name Wireless AC1/200 Dual Band Router
	Home Status Network Wireless Advanced Security Tools
Basic Guest Network Security	Connection Status Helpful Hints This section displays wireless client info. This section displays wireless client info.
Advanced Wireless Access Control	ID SSID MAC Address IP Address Duration Speed
Wireless Extender WPS	Refresh
Wireless Connection Status	
🦗	

You can know whether there are unauthorized accesses to your wireless network by viewing the wireless client list.

4 Advanced Applications

4.1 Bandwidth Control

If there are multiple PCs behind your router competing for limited bandwidth resource, then you can use this feature to specify a reasonable amount of bandwidth for each such PC, so that no one will be over stuffed or starved to death. Click

Advanced -> Bandwidth Control to enter the bandwidth control screen.



-----🖌 Tip 1. 1M = 128 KByte/s.

2. The volume of uplink traffic/downlink traffic should not be larger than that allowed on the router's WAN (Internet) port. You can ask your ISP to provide the volume of Internet traffic.

Bandwidth Control Application Example:

If you share a 4M-broadband service with your neighbor. He always downloads a large volume of data from Internet, which sharply frustrates your Internet surfing experience; you can use this feature to set limits for the volume of Internet traffic he can get. For example, you can split the 4M into two, so your neighbor can only use up to 2M Internet traffic and you can enjoy 2M. (Assuming the IP address of your neighbor's PC is 192.168.0.100. 2M=256KByte/s)

Configuration Procedures:

- 1 Click Advanced -> Bandwidth Control.
- 2 Click Add Bandwidth Control Rule.



Tenda	Version Product Name	VI. 0.0.2 (7514) Wireless ACI 200 Dual Band Router		
	Home Status Network Wireless Advanced	Security Tools		
Bandwidth Control	Custom Bandwidth Control	Helpful Hints		
DDNS	Here you can see a list of bandwidth control rules.	Enable: Indicates whether		
Virtual Server		an entry is active or not.		
DMZ Host	En IP Range Uplink/Downlink Description Action Limit(KBps)	IP Range: In IP range, each IP will acquire configured		
UPnP		bandwidth.		
Routing Table Static Routing	Add Bandwidth Control Rule Delete All Rules	Uplink/Download Limit: The maximum allowed upload/download speed limit on WAN port.		
		Action: Select either to edit or delete an entry.		

- **③** Enter 192.168.0.100 in the **IP Range** fields.
- (4) Enter 32 in the **Uplink Bandwidth** field.
- **(5)** Enter 256 in the **Downlink Bandwidth** field.
- 6 Click **Save** to save your settings.

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router			
	Home	Status	Network	Wireless	Advanced	Security	Tools			
	Custom Bandwidth	Control				Helpful Hin	Its			
DDNS	Here you can see a list of	Here you can see a list of bandwidth control rules.								
Virtual Server	V	Enable				an entry is acti				
DMZ Host	IP Range	192.168.0.10	0	- 192.168.0.100		IP Range: In I IP will acquire				
UPnP	Bandwidth Range					bandwidth.	-			
Routing Table	Uplink Bandwidth	32		KBps		Uplink/Down The maximum				
Static Routing	Downlink Bandwidth	256		KBps		upload/downlo limit on WAN p	ad speed			
	Description					Action: Select or delete an er				
		Save	Cance	91						



⑦ Click **Reboot** on the appearing screen to reboot the router.

Tenda					Version Product Name	Dual Band Router				
	Home	Status	Network	Wireless	Advanced	Security	Tools			
Bandwidth Control	Hints					Helpful Hir	Its			
DDNS	To activate new se	To activate new settings, you must reboot the device.								
Virtual Server			Reboot			an entry is active or not.				
DMZ Host						IP Range: In I IP will acquire				
UPnP						bandwidth.				
Routing Table						Uplink/Down The maximum				
Static Routing						upload/downlo limit on WAN p				
						Action: Select or delete an er				

8 System returns to the bandwidth control screen after reboot. You can view the rule you just add. Also you can click **Edit** to edit the rule or **Delete** to delete the rule. You can also add more rules.

Tenda	Version Product Name	V1.0.0.2 (7514) e Wireless AC1200 Dual Band Router		
	Home Status Network Wireless Advanced	Security Tools		
Bandwidth Control	Custom Bandwidth Control	Helpful Hints		
DDNS	Here you can see a list of bandwidth control rules.	Enable: Indicates whether		
Virtual Server		an entry is active or not.		
DMZ Host	En IP Range Uplink/Downlink Description Action Limit(KBps)	IP Range: In IP range, each IP will acquire configured		
UPnP	Yes 192.168.0.100 - 32/256 Edit Delete	bandwidth. Uplink/Download Limit:		
Routing Table		The maximum allowed		
Static Routing	Add Bandwidth Control Rule Delete All Rules	upload/download speed limit on WAN port.		
		Action: Select either to edit or delete an entry.		

4.3 DDNS

Dynamic DNS or DDNS is a term used for the updating in real time of Internet Domain Name System (DNS) name servers. We use a numeric IP address allocated by Internet Service Provider (ISP) to connect to Internet; the address may either be stable ("static"), or may change from one session on the Internet to the next ("dynamic"). However, a numeric address is inconvenient to remember; an address which changes unpredictably makes connection impossible. The DDNS provider allocates a static host name to the user; whenever the user is allocated a new IP address this is communicated to the DDNS provider by software running on a computer or network device at that address; the provider distributes the association between the host name and the address to the Internet's DNS servers so that they may resolve DNS queries. Thus, uninterrupted access to devices and services whose numeric IP address may change is maintained.

Click Advanced -> DDNS to enter the DDNS screen.

Tenda					Q.	Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router
	Home	Status	Network	Wir	eless	Advanced	Security	Tools
Bandwidth Control DDNS Virtual Server DMZ Host UPnP Routing Table Static Routing	DNS DDNS Servic Service Provid User Nar Passwor Domain Nar Connection State	er dyndns		×	Register	play Key	Helpful Hir The DDNS feat you to host as s FTP, Game Ser using a fixed or assigned by a provider. Simply click Re register a dom then enter the and password DDNS service p this router, an can use this re domain name local server no your IP addres	ture allows erver (Web, ver, etc) lomain name DDNS service gister to nain name and user name given by the provider on d your friends gistered to access your matter what

Ý,

1. To use the DDNS feature, you need to have an account with one of the Service Providers in the drop-down menu first.

2. This router supports five DDNS service providers: 88ip.cn3322.org, gnway, dyndns and no-ip.

DDNS Application Example:

If your ISP gave you a dynamic (changing) public IP address, you want to access your router remotely but you cannot predict what your router's WAN IP address will be, and the address can change frequently. In this case, you can use a commercial Dynamic DNS service. It lets you register your domain to their IP address and forwards traffic directed at your domain to your frequently changing IP address. If you obtain the following account from your dyndns.org service provider:

User Name: tenda

Password: 123456

Domain Name: tenda.dyndns.org.

And you want to use the PC at 218.88.93.33 to remotely access this router on port number 8090.

Tenda) (Q	Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router
	Home	Status	Network	Wir	eless	Advanced	Security	Tools
Bandwidth Control	DDNS						Helpful Hin	
DDNS Virtual Server	DDNS Service		C Disable	_	1		The DDNS feat you to host a se	erver (Web,
DMZ Host	Service Provider User Name	dyndns tenda		•	Register		FTP, Game Ser using a fixed d assigned by a I	omain name
UPnP	Password	•••••			🗖 Dis	play Key	provider.	
Routing Table	Domain Name	tenda.dyno	dns.org				Simply click Reg register a doma then enter the	ain name and
State Routing	Connection Status	Disconnect	ed				and password DDNS service p	given by the
		Sa	Cancel				this router, and can use this reg domain name t local server no your IP address	gistered to access your matter what

Configuration Procedures:

1 DDNS Service: Select **Enable**.

2 Service Provider: Select your DDNS service provider from the drop-down menu. Here in this example, select **dyndns**.

③ User Name: Enter the DDNS user name registered with your DDNS service provider. Here in this example, enter tenda.

4 Password: Enter the DDNS Password registered with your DDNS service provider. Here in this example, enter 123456.

5 Domain Name: Enter the DDNS domain name with your DDNS service provider. Here in this example, enter tenda.dyndns.org.

6 Click **Save** to save your settings.

Click Security -> Remote Web Management, enable the Remote Web Management feature, enter 8090 in the Port field, 218.88.93.33 in the IP Address



field and then click Save to save your settings.

Tenda		V1.0.0.2 (7514) Wireless AC1200 Dual Band Router					
	Home	Status	Network	Wireless	Advanced	Security	Tools
MAC Filter Client Filter URL Filter	Remote Web Mana Enable Port	V	(1024-65	535)		Helpful Hi Use this featu Internet users router using a	re to let
Remote Web Management	IP Address		3.33 ave Cance	1		Port: Specify which a specif accesses the u utility remoted Internet. IP Address: address for m router remote	router's web y from Specify an IP nanaging the

8 Click Reboot on the appearing screen to reboot the router.

Tenda					Version Product Name	V1 0 0 2 (7514) Wireless AC1200	
	Home	Status	Network	Wireless	Advanced	Security	Tools
	Hints To activate new setti	ngs, you must reb		ot		Helpful Hir Use this featur Internet users router using a Port: Specify which a specify accesses the r utility remotely Internet. IP Address: address for m router remotel	e to let manage your web browser. a port through ied user outer's web from Specify an IP anaging the

Now you can access the router from the Internet by entering http://tenda.dyndns.org:8090 in your browser.

4.1 Virtual Server

You want to share resources on your PC with your friends who are not in your LAN. But, by default, the router's firewall blocks inbound traffic from the Internet to your computers except replies to your outbound traffic. You can use the Virtual Server feature to create exceptions to this rule so that your friends can access these files from external networks.

Click Advanced -> Virtual Server to enter the configuration screen.





Application Example:

As shown in the diagram above, your PC (PC1: 192.168.0.100) connects to the

router and runs a FTP server on port number 21. Your friend (PC3) wants to access

the FTP server on your PC.

*Q*_{Tip} -----

1. Make sure your WAN IP address (Internet IP address) is a public IP address. Private IP addresses are not routed on the Internet.

2. Make sure you enter correct service port numbers.

3. To ensure that your server computer always has the same IP address, assign a static IP address to your PC.

4. Operating System built-in firewall and some anti-virus programs may block other PCs from accessing resources on your PC. So it is advisable to disable them before using this feature.



Tenda						24	フ		sion duct Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Rou
		Home	Status	Net	work	Wireles	s	٨dv	anced	Security	Tools
Bandwidth Control	Virt	tual Server								Helpful Hin	ts
DDNS	Virtu	ial Server is use	eful for web se	rvers, ftp ser	vers, e-mail	servers, gai	ming a	nd oth	er	Ext Port - In	t Port: WAN
		ial Internet app router's WAN								service port.	
DMZ Host	statio	cally assign the	host's IP for t	nis function to	be consiste	nt.				Enable: Selected entry.	
UPnP	ID	ID Ext Port-Int Port Internal IP				Protocol		En	En De Delete: Click "Delete"		
Routing Table	1	21 -	21	192.168.0.100		Both	-			"Save" to remove	/e a selected
Static Routing	2	-				Both	-			Add to: Adds	a common
	3	-				Both	-			service port to corresponding	fields of a
	4	-				Both	-			given entry.	neius or a
	5	-				Both	-				
	6	-				Both	-				
	7	-				Both	•				
	8	-				Both	•				
	Well	-known Service	Port DNS	\$(53)		ID 1	•				
				Page 1 2	234						
				Save	Cancel						

Configuration Procedures:

(1) **Ext Port:** Enter the external port number for the public ports at the Internet interface. Here in this example, enter 21.

Int Port: Enter the internal port number for the private ports at the computer on the router's local area network (LAN). Here in this example, enter 21.

2 Internal IP: Enter the IP address of your local computer that will provide this service. Here in this example, enter 192.168.0.100.

9 Protocol: Specify the protocol required for the service utilizing the port(s).

④ Check **Enable** to activate this rule.

(5) Click **Save** to save your settings.

Now, your friends only need to enter ftp://xxx.xxx.xxx.21in their browsers to access your FTP server. xxx.xxx.xxx is the router's WAN IP address. Assuming it is 172.16.102.89, then your friends need to enter ftp://202.33.56.88:21 in their browsers.

∧_{Note} -----

If you use the port number 80 here, you must set the port number for remote web management (Click **Tools -> Remote Web Management**) to any port number excluding 80 to avoid collision. Otherwise the port forwarding feature may not be effective.

4.2 DMZ Host

The DMZ (De-Militarized Zone) function disables the firewall on the router for one

device for a special purpose service such as Internet gaming or video conferencing

applications that are not compatible with NAT (Network Address Translation).

Click Advanced -> DMZ Host to enter the DMZ Host screen.

A_{Note}

1. DMZ host poses a security risk. A computer configured as the DMZ host loses much of the protection of the firewall and becomes vulnerable to attacks from external networks.

2. Hackers may use the DMZ host computer to attack other computers on your network.

Tenda				Q.		V1.0.0.2 (7514) Wireless AC1200	
	Home St	atus Netv	vork	Wireless	Advanced	Security	Tools
Bandwidth Control	DMZ Host					Helpful Hin	its
DDNS	Note: DMZ host poses a sec protection of the firewall an		-		t loses	In some cases, set a computer	
Virtual Server	Enable	R .				completely exp	
DMZ Host	DMZ Host IP	192.168.0.100				extranet for im of a 2-way con	
UPnP	DMZ Host IF	192.108.0.100				To do so, we so host by enterin	
Routing Table		Save	Cancel			address and er	-
Static Routing						DMZ feature.	

Configuration Procedures:

() Enable: Check to enable the DMZ host.

2 DMZ Host IP Address: The IP Address of the device for which the router's firewall will be disabled. Be sure to statically set the IP Address of that device for this function to be consistent.

③ Click **Save** to save your settings.



Tip -----

1. Be sure to statically set the IP Address of the computer that serves as a DMZ host for this function to be consistent.

2. Security softwares such as anti-virus software and OS built-in firewall, etc may affect the DMZ host feature. Disable them if DMZ host fails.

4.4 UPnP

The Universal Plug and Play (UPnP) feature allows network devices, such as computers from Internet, to access resources on local host or devices as needed. UPnP-enabled devices can be discovered automatically by the UPnP service application on the LAN. If you use applications such as multiplayer gaming, peer-to-peer connections, real-time communications such as instant messaging, or remote assistance (a feature in Windows XP), you may need to enable Universal Plug and Play (UPnP) for better experience.

Click **Advanced -> UPnP** to enter the UPnP screen. The UPnP feature is enabled by default.

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	
	Home	Status	Network	Wireless	Advanced	Security	Tools
Bandwidth Control DDNS Virtual Server DMZ Host	UPnP Enable		ive Cancel			Helpful Hir UPnP (Universa Play) feature a network device and connect to on the network	al Plug and llows a e to discover o other devices
UPnP						is only support operational sys	
Routing Table						Windows XP ar	
Static Routing						or later.	

4.6 Route Table

Click Advanced -> Route Table to view the router's route table.

Tenda				Q	Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router
	Home	Status	Network	Wireless	Advanced	Security	Tools
Bandwidth Control	Route Table					Helpful Hin	ıts
DDNS						This section di	splays routing
Virtual Server	Destination Network	Subnet Mask	Gateway	metric	Interface	info.	
The art Server	192.168.0.0	255.255.255.0	0.0.0.0	0	LAN		
DMZ Host	192.168.2.0	255.255.255.0	0.0.0.0	0	LAN		
UPnP							
Routing Table							
Static Routing		R	efresh?				

Knowledge Center -----

1. **Destination Network:** The IP address of the final destination. "0.0.0.0" indicates any network segment.

2. Subnet Mask: The subnet mask for the specified destination.

3. Gateway: This is the next router on the same LAN segment as the router to reach.

4. Metric: This stands for the number of routers between your network and the destination.

5. Interface: The interface between your router and the final destination.

4.5 Static Route

Static routes provide additional routing information to your router. Typically, you do not need to add static routes. However, when there are several routers in the network, you may want to set up static routing. Static routing determines the path of the data in your network. You can use this feature to allow users on different IP domains to access the Internet via this device. It is not recommended to use this setting unless you are familiar with static routing. In most cases, dynamic routing

is recommended, because this feature allows the router to detect the physical changes of the network layout automatically. If you want to use static routing, make sure the router's DHCP function is disabled. Click Advanced -> Static

Routing to enter the configuration screen.

?. Subnet Mask must be on the same IP segment as WAN or LAN segment as the router.
2. Subnet Mask must be entered 255.255.255.255 if destination IP address is a single host.

Static Route Application Example - Gateway IP address on the same IP segment as WAN IP:



For example, your company internal network and Internet are on different IP net segment and you want PCs on your LAN to access Internet and your company internal network via the Tenda Router. You can simply configuring static routes on the Tenda Router. The figure above depicts this application scenario.

Configuration Procedures:



① Click Add Static Route.

Tenda								Version Product Name	V1.0.0.2 (7514) Wireless AC1200	
		Home	Statu	s Netv	/ork	Wirele	ss	Advanced	Security	Tools
Bandwidth Control DDNS Virtual Server	Stat	ic Route	Network	Subnet Mask	Gatew	'ay	Interface	Action	Helpful Hir Use this section config static ro for your device	n to manually uting entries
DMZ Host UPnP Routing Table				Add Static	Route					
Static Routing										

2 Destination Network: The IP address of the final destination. Enter your corporate internal network IP address: 172.16.100.0.

3 Subnet Mask: Enter the subnet mask of your corporate internal network: 255.255.255.0.

Gateway: Enter the gateway IP address to your corporate internal network: 192.168.30.88

- **5** Interface: Select WAN.
- 6 Click Save to save your settings.

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router
	Home	Status Net	twork W	ireless	Advanced	Security	Tools
Bandwidth Control	Add Static Route					Helpful Hin	its
DDNS	Destination Network	172.16.100.0				Use this section	
Virtual Server	Subnet Mask	255.255.255.0				config static ro for your device	
DMZ Host	Gateway	192,168,30,88					
UPnP							
Routing Table	Interface	WAN					
Static Routing		Save	Cancel				

Click Advanced -> Routing Table to view your static route entry. If it does not display, go to Tools to reboot your router. Enter the router's management interface. When the router successfully connects to the Internet, the following screen will



display:

Tenda				Q.	Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Rout
	Home	Status	Network	Wireless	Advanced	Security	Tools
Bandwidth Control	Route Table					Helpful Hin	
Virtual Server	Destination Network	Subnet Mask	Gateway	metric	Interface	info.	plays reading
virtual Server	192.168.0.0	255.255.255.0	0.0.0.0	0	LAN		
DMZ Host	172.16.100.0	255.255.255.0	192.168.30.	88 0	WAN		
UPnP							
Static Routing		1	Refresh				





As seen in the above figure, PC2 on LAN2 connects with the Tenda Router via the Router; PC1 on LAN1 accesses Internet via the Tenda Router that performs NAT.

Tenda

You can configure static routes to implement mutual communication between PCs

on LAN1 and LAN2.

Configuration Procedures:

① Click Add Static Route.

Tenda						P	Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router
		Home	Status	Netv	work Wir	eless	Advanced	Security	Tools
Bandwidth Control	Sta	tic Route						Helpful Hin	Its
DDNS								Use this section	n to manually
Virtual Server	ID	Destination N	etwork Subnet	Mask	Gateway	Interface	Action	config static ro	-
	1	172.16.100.0	255.25	5.255.0	192.168.30.88	WAN	Delete	for your device	
DMZ Host									
UPnP									
Routing Table			1	Add Static	: Route				
Static Routing									

- **2** Destination Network: Enter 192.168.50.0.
- **3** Subnet Mask: Enter 255.255.255.0.
- **Gateway:** Enter 192.168.0.101
- **(5)** Click **Save** to save your settings.

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router
	Home	Status	Network	Wireless	Advanced	Security	Tools
Bandwidth Control	Add Static Route					Helpful Hir	its
DDNS	Destination Network	192.168.50	.0			Use this sectio	
Virtual Server	Subnet Mask	255.255.25	55.0			config static ro for your device	-
DMZ Host	Gateway	192.168.0.1	01				
UPnP				-			
Routing Table	Interface	LAN		•			
Static Routing		Sav	Cancel	I			

Click Advanced -> Routing Table to view your static route entry. If it does not display, go to Tools to reboot your router. Enter the router's management interface. When the router successfully connects to the Internet, the following screen will



display:

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Rout
	Home	Status	Network	Vireless	Advanced	Security	Tools
Bandwidth Control	Route Table					Helpful Hin	its
DDNS						This section di	splays routing
Virtual Server	Destination Network	Subnet Mask	Gateway	metric	Interface	info.	
virtual server	192.168.0.0	255.255.255.0	0.0.0.0	0	LAN		
DMZ Host	172.16.100.0	255.255.255.0	192.168.30.88	0	WAN		
UPnP	192.168.50.0	255.255.255.0	192.168.0.10	1 0	LAN		
UPnP Routing Table Static Routing	192.168.50.0		192.168.0.10	1 0	LAN		

5 Security

This router provides three security policies: MAC filter, client filter and URL filter.

• To restrict your LAN PCs to access Internet via the their MAC addresses, see <u>MAC Filter</u>.

• To restrict your LAN PCs to access certain services on Internet via their IP addresses, see <u>Client Filter</u>.

• To restrict your LAN PCs to access certain websites on Internet via URL, see <u>URL Filter</u>.

5.1 MAC Filter

This section allows you to restrict specific clients to access the Internet via the devices' MAC addresses. Each PC has at least an installed network adapter with an unique MAC address. Three options are available: Disable, Deny and Allow.

A. Disable: Disable the MAC Filter feature.

B. Deny: Disallow only the devices at specific MAC addresses to access Internet during the specific time period and/or specific days of the week. Access to Internet during other time period and/or other days of the week are not restricted.

C. Allow: Allow only the specified devices to access Internet during the specific time period

and/or specific days of the week. Access to Internet during other time period and/or other days of the week are denied.

Click Security -> MAC Filter to enter the configuration screen.

MAC Filter Application Example:

To allow only the PC at the MAC address of 00:C8:08:F5:E6:06 to access Internet from Friday to Sunday (18:30-22:30).

Tenda				10	Version Product Name	V1.0.0.2 (7514) Wireless AC1200) Dual Band Router
	Home	Status	Network	Wireless	Advanced	Security	Tools
	MAC Filter					Helpful Hii	nts
Client Filter	Filter Mode	Allow		•		To better man	-
URL Filter	Select	(1)		•		computers in network, you o	
Remote Web Management	Enable	Cle	ar this item: Clea			MAC Address to control thes access to Inter	e computers'
	Description					details, see Us	ser Guide.
	MAC Address	00 : C	8 : 08 : F5	: E6 : 06		To clear an ex rule, select it a	-
	Time	18 💌	30 💌 ~ 20	▼ : 30 ▼		"Clear", and th	
	Day	Every of	day 🔽 Sun 🗖 Mon 🛛	🗌 Tue 🗖 Wed 🔲 Th	ur 🔽 Fri 🔽 Sat	Deny/Allow:	
		S	ave Cance	I		Disallow/allow MACs to acces	
						Note: 00:00- all the time.	-00:00 means

Configuration Procedures:

() Filter Mode: Select Allow.

2 Select: Select a rule ID, for example, (1).

Enable: Check to enable this feature.

Description: Briefly describe the current rule. This field is optional.Or if you want to enter it, then enter numbers, letters or underscore only.

MAC Address: Specify the MAC address of the computer that you want to restrict, 00:C8:08:F5:E6:06.

(6) Time: Specify a time period for the current rule to take effect. Here in this example, select 18:30-22:30.**Day:** Select a day, or several days of the week for the current rule to take effect. Here in this example, select Friday, Saturday and



Sunday.

⑦ Click **Save** to save your settings.

5.2 Client Filter

This section allows you to set the times specific clients can or cannot access the Internet via the devices' assigned IP addresses and service port. Three options are available: Disable, Deny and Allow.

A. Disable: Disable the Filter feature.

B. Deny: Disallow only the devices at specific IP addresses to access certain services on Internet during the specific time period and/or specific days of the week. Other time period and/or other days of the week are not restricted.

C. Allow: Allow only the devices at specific IP addresses to access specific services on Internet during the specific time period and/or specific days of the week. Access to any other services during other time period and/or other days of the week are denied.

Click **Security** -> **Client Filter** to enter the configuration screen.

Client Filter Application Example:

To prohibit PCs within the IP address range of 192.168.0.100--192.168.0.120 from accessing web pages during the time period of 8:00~18:00 from Monday to Frida



Tenda		Version V4 0.0.2 (7514) Product Name Wireless ACI 200 Dual Band Router
	Home Status Network Wireless	Advanced Security Tools
MAC Filter	Client Filter	Helpful Hints
Client Filter	Filter Mode Deny	To better manage
URL Filter	Select (1)	computers in LAN, you can use the Client Filter
Remote Web Management	Enable 🔽 Clear this item: Clear	functionality to regulate LAN computers' access to Internet. For details, see
	Description	User Guide.
	Start IP 192.168.0.100	To clear an existing filter rule, select it and click the
	End IP 192.168.0.120	"Clear", and then the "Save" button.
	Port 80 ~ 80	Deny/Allow:
	Traffic Type Both	Disallow/allow a specified IP or IP range to access
	Time 8 🔽 0 🔽 ~ 18 💌 0 💌	Internet.
	Day Every day Sun V Mon V Tue V Wed V Thur	Note: 00:00~00:00 means ✓ Fri □ Sat all the time.
	Save Cancel	

Configuration Procedures:

() Filter Mode: Select Deny.

2 Select: Select a rule ID, for example, (1).

Enable: Check to enable this feature.

Description: Briefly describe the current rule. This field is optional.Or if
 you want to enter it, then enter numbers, letters or underscore only, for example,
 80.

5 Start IP: Enter a starting IP address. Here in this example, enter 192.168.0.100.End IP: Enter an ending IP address. Here in this example, enter 192.168.0.120.

6 Port: Enter a service port number. Here in this example, enter 80.

Traffic Type: Select **Both**.

Time: Specify a time period for the current rule to take effect. Here in this example, select 8:00~18:00.**Day:** Select a day, or several days of the week for the current rule to take effect. Here in this example, select Mon, Tue, Wed, Thur

and Fri.

(9) Click **Save** to save your settings.

5.3 URL Filter

To better control LAN PCs, you can use the URL filter functionality to allow or disallow such PCs to access certain websites within a specific time period and/or specific days of the week. Three options are available: Disable, Deny and Allow.

A. Disable: Disable the URL Filter feature.

B. Deny: Disallow only the devices at specific IP addresses to access certain services on Internet during the specific time period and/or specific days of the week. Other time period and/or other days of the week are not restricted.

C. Allow: Allow only the devices at specific IP addresses to access specific services on Internet during the specific time period and/or specific days of the week. Access to any other services during other time period and/or other days of the week are denied.

Click **Security** -> **URL Filter** to enter the configuration screen.

URL Filter Application Example:

If you want to disallow all computers on your LAN to access "yahoo.com" from

8:00 to 18:00 during working days: Monday- Friday, then do as follows:



Tenda				Version Product Name	V1.0.0.2 (7514) Wireless AC1200) Dual Band Router
	Home State	s Network	Wireless	Advanced	Security	Tools
MAC Filter	URL Filter				Helpful Hir	nts
Client Filter	Filter Mode D	ny	•		To better cont	rol the LAN cess to certain
URL Filter	Select (1		•		websites, you	can use the
Remote Web Management	Enable 🔽	Clear this item: Cle			URL filter featu deny their acc websites within	ess to certain
	Description				time range. Fo user guide.	
	Start IP 19	.168.0.2			To clear an ex	isting filter
	End IP 19	2.168.0.254			rule, select it a "Clear", and th	
	URL String yal	oo.com			button.	
	Time 8	• : 0 • ~ 18	•		URL String: U of URL strings	
	Day 🗖	very day 🔲 Sun 🔽 Mon 🔽	Tue 🔽 Wed 🔽 Th	ur 🔽 Fri 🗖 Sat	entered.Differ names should by a coma Ent	
		Save Cance	I		URL string field wild card of ar	d indicates a
					Note: 00:00~ all the time.	00:00 means

1 Filter Mode: Select Deny.

2 Enable: Check to enable this feature.

3 Select: Select a rule ID, for example, (1).

(4) **Description:** Briefly describe the current rule, say, yahoo, (It can only consist of numbers, letters, or underscore). This field is optional.

5 Start IP/End IP: Enter 2-254.

6 URL String: Enter yahoo.

Time: Specify a time period for the current rule to take effect. Here in this example, select 8:00~18:00.**Day:** Select a day, or several days of the week for the current rule to take effect. Here in this example, select Mon, Tue, Wed, Thur and Fri.

8 Click **Save** to save your settings.

▲_{Note}

Each entry can include up to 16 URL keywords, each of which must be separated by ", ".

5.4 Remote Web Management

The Remote management allows the device to be configured and managed remotely

from the Internet via a web browser.

Click Security -> Remote Web Management to enter the configuration screen.

🦞 Tip -----

1 For better security, customize a port number between 1024-65535 for the remote web management interface, do not use the number of any common service port (1-1024).

2. Make sure your WAN IP address (Internet IP address) is a public IP address. Private IP addresses are not routed on the Internet.

3. It is unsafe to make your router remotely accessible to all PCs on external network. For better security, we suggest that only enter the IP address of the PC for remote management.

Remote Web Management Application Example:

To access your router (WAN IP address: 102.33.66.88) at your home from the PC

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	
	Home	Status	Network	Wireless	Advanced	Security	Tools
MAC Filter Client Filter URL Filter	Remote Web Mana Enabl		(1024-65	535)		Helpful Hir Use this featur Internet users router using a	e to let manage your
Remote Web Management	IP Addres		3.33 ve Cance	I		Port: Specify a which a specifi accesses the m utility remotely Internet.	ed user outer's web
						IP Address: address for m router remotel	anaging the

(218.88.93.33) at your office via the port number 8080

Configuration Procedures:

- ① Check "Enable".
- 2 Enter 8080.
- **3** Enter 218.88.93.33.
- **4** Click **Save** to save your settings.

Type http://102.33.66.88:8080 into your browser's address or location field and

you can access the router at your home remotely.

6 Tools

6.1 Logs

Click **Tools -> Logs** to enter the logs screen. The Logs option allows you to view all events that occur upon system startup. **View Log Levels:** There are three types of logs available.

Tend a							Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Ro		
		Home	Status	N	etwork	Wireless	Advanced	Security	Tools		
Logs	Logs							Helpful Hin	ts		
Traffic Statistics	Here yo	Here you can view the history of the device's actions.							ows you to		
Time		View Log Levels All							view all events that occur upon system startup. The		
Change Password						_		device records	a maximum		
-	Index	Time		Туре	Log Conte	nts		of 200 log entr	ies.		
Backup	12	2013-08-19 14	1:55:06	system	Sync time s	uccess!		Note: Logs will be cleared			
Restore	11	2013-08-19 14	1:24:57	system	Sync time s	uccess!	automatically when reaching the limit of 200 entries (14 pages).				
Firmware Update	10	2000-01-01 00	0:00:28	system	wan up						
Restore to Factory Default	9	2000-01-01 00	0:00:25	wan	Get Client IP Address (192.168.10.1						
	8	2000-01-01 00	0:00:25	system	broadcastir	ng ARPOP_REQUES	T ,return				
Reboot	7	2000-01-01 00	0:00:20	system	broadcastir	ng ARPOP_REQUES	T for 192				
	6	2000-01-01 00	0:00:20	wan	Dhcp_ack r	eceived from (192	.168.10				
	5	2000-01-01 00	0:00:20	wan	Broadcastin	ig Dhcp_request fo	or (192				
	4	2000-01-01 00	0:00:20	wan	Dhcp_offer	Received from (19	92.168				
	3	2000-01-01 00	0:00:07	wan	Broadcastin	ig Dhcp_discover					
	2	2000-01-01 00	0:00:02	system	wifi up						
	1	2000-01-01 00	0:00:01	system	System star	t success					
			R	efresh	Clea	r					

Here you can view the history of the device's actions.

Up to 150 entries can be logged. After 150 entries, you can click **Refresh** to update the logs or click **Clear** to clear the earliest logs.

6.2 Traffic Statistics

Click **Tools** -> **Traffic Statistics** to enter the Traffic Statistics screen. Traffic Statistics meter allows you to monitor and view the volume of traffic used by LAN devices.

 үтр -----

If you suspect some PCs behind your router are consuming a large volume of bandwidth (downloading videos, etc) you can enable this Traffic Statistics meter feature to find out which PCs are overusing the traffic. Enabling the Traffic Statistics feature may degrade the router's performance. Do not enable it unless necessary.

Configuration Procedures:

1 Check Enable Traffic Statistics.

Tenda							Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Router		
	Н	ome St	atus	Network	w	ireless	Advanced	Security	Tools		
Logs	Fraffic	Statistics						Helpful Hir	ts		
Traffic Statistics	Enable Traffic Statistics								Statistics displays traffic		
Time	Rate Unit: KB/s Display in Order								usage by PCs on your LAN.		
Change Password	Refresh Clear Display in descending order of do										
Backup						_	_				
Restore	ID IP	Address	TX Bytes	RX Bytes	Uplink Rate	Downlink Rate	Connections				
Firmware Update					nate	nuc					
Restore to Factory Default											
Reboot			Save	Can	cel						



2 Click Save to save your settings.

Tenda	Version V4.0.0.2 (75.14) Product Name, Wireless AC1.200 Dual Bind Router							
	Home Status Network Wireless Advanced	Security Tools						
Logs	Traffic Statistics	Helpful Hints						
Traffic Statistics	Enable Traffic Statistics	Statistics displays traffic						
Time	Rate Unit: KB/s Display in Order	usage by PCs on your LAN.						
Change Password	Refresh Clear Display in descending order of do							
Backup								
Restore	ID IP Address TX Bytes RX Bytes Uplink Downlink Connections Rate Rate							
Firmware Update								
Restore to Factory Default								
Reboot	Save Cancel							

③ Click **Reboot** on the appearing screen to reboot the router.

Tenda						Dual Band Router	
	Home Status	Network	Wireless	Advanced	Security	Tools	
Logs	Hints				Helpful Hit	nts	
Traffic Statistics	To activate new settings, you mu	t reboot the device.			Statistics displays traffic		
Time		usage by PCs on your LAN.					
Change Password							

The following screen appears after reboot.

Tenda	Version V4.0.002 (75.146) Product Name, Wirkless AC1200 Dual Band Bourst							
	Home	Status	Network	W	/ireless	Advanced	Security	Tools
Logs	Traffic Statistics						Helpful Hint	s
	Enable Traffic Statistics	Statistics display						
Time	Rate Unit: KB/s	usage by PCs or	i your LAN.					
Change Password	Refresh Clear		Display	in desce	nding order o	nf dou 💌		
Backup			Diopidy		in any or a critical sectors of the			
Restore	ID IP Address	TX Bytes	RX Bytes	Uplink Rate	Downlink Rate	Connections		
Firmware Update	1 192.168.0.100	ом	ом	0.00	0.00	4294967295		
Restore to Factory Default								
Reboot								
		Sav	e Can	cel				

Knowledge Center -----

1. **IP Address:** Displays the IP addresses of the PCs that have connected to the device.

2. Uplink Rate: Displays the upload speed (KByte/s) of a corresponding PC.

3. Downlink Rate: Displays the download speed (KByte/s) of a corresponding PC.

4. **TX Bytes:** The number of bytes transmitted by a corresponding PC upon traffic statistics meter startup. The unit is M.

5. **RX Bytes:** The number of bytes received by a corresponding PC upon traffic statistics meter startup. The unit is M.

6. Connections: The number of clients that connect to this router.

6.3 Time

Click **Tools -> Time** to enter the time screen.

A. Sync with Internet time servers

Note that the GMT time is obtained only when Device is connected to Internet. You

can also configure the system time manually.

Tenda	Version V4. 6(6):2 (7514) Product Name Wireless ACI 200 Dual Band Rou
	Home Status Network Wireless Advanced Security Tools
Logs	Time Helpful Hints
Traffic Statistics	This section assists you in setting the device current time; you can either select to set the This section assists you in
	time and date manually or update it from Internet automatically. setting the device's current time; you can either select to
Change Password	Sync with Internet time servers set the time and date manually or update it from
Backup	Sync Interval 30 minutes Internet automatically.
Restore	Note: GMT time will be updated automatically only when the device is connected to Internet and date information lose
Firmware Update	Time Zone when the device is powered off. However, it will be
Restore to Factory Default	(GMT+08:00)Beijing, Chongquing, Hong Kong, Urumqi updated automatically when
Reboot	Set Time and Date Manually Internet. To activate time-
	2013 Year 08 Month 19 Day 15 Hour 05 Minute 09 Second based features (e.g. firewall), the time and date firewall firewall <t< td=""></t<>
	Sync with Your PC first, either manually or
	automatically.

Configuration Procedures:



- 1 Select your time zone.
- 2 Click **Save** to save your settings.

B. Set Time and Date Manually/Sync with Your PC

Tenda			Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Band Route		
	Home	Status	Network	Wireless	Advanced	Security	Tools
Logs	Time					Helpful Hir	nts
Traffic Statistics	This section assists y	-			lect to set the	This section as	
Time	time and date manua		rom Internet autom Internet time server			setting the dev time; you can	vice's current either select to
Change Password	Sync Inter	set the time and date manually or update it from Internet automatically. Note: The configured time and date information lose					
Backup Restore	Note: GMT time will b Internet						
Firmware Update	Time Zone					when the devi off. However,	1 A A A A A A A A A A A A A A A A A A A
Restore to Factory Default	(GMT+08:00)Beijing,	Chongquing, Ho	ng Kong, Urumqi		•	updated autor	matically when
Reboot	Set Time and Date M	8 Month 19	Day 15 Hour 09	Sync	econd with Your PC	the router con Internet. To ac based feature firewall), the ti info shall be so first, either ma automatically.	tivate time- s (e.g. me and date et correctly

Configuration Procedures:

1 Specify the time and date manually or click the **Sync with Your PC** to

automatically copy your PC's time to the device.

② Click **Save** to save your settings.

6.4 Change Password

Click **Tools -> Change Password** to enter the configuration screen. Here you can change the login password. It is strongly recommended that you change the factory default login password. Otherwise, anyone in your network can access this utility to change your settings.

For example, if you want to change the login password to "tenda", do as follows: **Configuration Procedures:**

(1) New Password: Input a new password. Here in this example, enter "tenda".

2 Confirm New Password: Re-enter the new password for confirmation.

Here in this example, enter "tenda".

3 Click **Save** to save your settings.



Tenda	Version V4.0.012.(751.4) Product Name Wireless AC1200 Dual								
	Home	Status	Network	Wireless	Advanced	Security	Tools		
Logs Traffic Statistics Time Change Password Backup Restore Firmware Update Restore to Factory Default Reboot	Change Passwor Note: NO password password allows a n Old Passw New Passw Confirm New Passw	by default, We ree naximum of 32 ch vord vord vord vord		nd no space.	security. The	Helpful Hir NO password recommend yo for better secu Otherwise: any network can au utility to chang settings. Old Passwor time use the ro blank. If you a changed it and forgot, restore factory default New Password consist of 3-3: without any sp Confirm New Re-enter the ro	by default, We ou to change it irity. vone in your ccess this e your d: If you first outer, leave it iready d unfortunately the router to s. rd: Input a . It MUST only 2 characters ace. r Password:		

(4) Click **OK** on the appearing window.

(5) System will automatically enter the login window if you click **OK**. Enter the new login password of "tenda" and click **Login** to enter the device's configuration interface.

Tend a				Version Product Name	V3(0.072 (7514) Wireless AC1200 Dual Band Router
	Wireless AC12	00 Dual Band Rou	iter		
	Password	•••••			
		Login Cancel			

6.5 Backup

Backup: Once you have configured the device the way you want it, you can save these settings to a configuration file on your local hard drive that can later be imported to your device in case that the device is restored to factory default settings. Click **Tools -> Backup** to enter the configuration screen.

Configuration Procedures:

1 Click Backup.

Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200		
	Home	Status	Network	Wireless	Advanced	Security	Tools	
Logs	Backup					Helpful Hir	ıts	
Traffic Statistics	Once you have confi	gured the device	the way you want it,	you can save thes	e settings to a	Click "Backup"	to save	
Time	-	configuration file on your local hard drive that can later be imported to your device in case that the device is restored to factory default settings.						
Change Password			Backup					
Backup			Buonap					
Restore								
Firmware Update								
Restore to Factory Default								
Reboot								

- 2 Click **OK** on the appearing window.
- 3 Click Save on the File Download window.





④ Select a local hard drive to save the file and click **Save**.

Choose file						? 🔀
Look in:	My Documents	S	•	G 🦻	• 💷 🥙	
My Recent Documents Desktop	RouterCfm.cfg					
My Documents						
My Computer						
						
My Network Places	File <u>n</u> ame:	RouterCfm.cfg			-	<u>O</u> pen
1,6003	Files of type:	All Files (*.*)			•	Cancel

6.6 Restore

Click **Tools -> Restore** to enter the configuration screen.

Configuration Procedures:

① Click **Browse**.

Tenda						V1 0.0.2 (7514) Wireless AC1200 Dual Band Router			
	Home	Status	Network	Wireless	Advanced	Security	Tools		
Logs	Restore					Helpful Hin	ıts		
Traffic Statistics	Use the Restore feat	ure to restore set	tings saved previou	sly to your local ha	ard drive.	Click the "Brow			
Time	Load Configuration	Load Configuration File Browse Ioc							
Change Password			Restore			saved previous local hard drive			
Backup						click the "Resto			
Restore						reset your rout settings.	er to previous		
Firmware Update									
Restore to Factory Default									
Reboot									

2 Select the configuration file that is saved previously to your local hard drive and click **Open**.



Choose file						? 🔀
Look in:	My Document	9	-	· 🕝 💋	; 📂 🛄 -	
My Recent Documents	RouterCfm.cfg					
My Documents						
My Computer						
My Network Places	File <u>n</u> ame: Files of <u>type</u> :	RouterCfm.cfg All Files (*.*)			• [•	Open Cancel

③ Click the **Restore** button to reset your device to previous settings.

6.7 Firmware Update

Click **Tools** -> **Firmware Update** to enter the configuration screen. Firmware upgrade is released periodically to improve the functionality of your device and also to add new features. If you run into a problem with a specific feature of the device, log on to our website (www.tendacn.com) to download the latest firmware to update your device. When upgrade is complete, the device restarts automatically. Update takes a few minutes. Please wait. If you run into a problem with a specific feature of the device, log on to our website (www.tendacn.com) to download the latest firmware to update your device.

▲_{Note}

1 Before you upgrade the firmware, make sure you are having a correct firmware. A wrong firmware may damage the device.

2. Do NOT upgrade the firmware wirelessly or disconnect device from power supply while firmware update is in process. Note that you need to update the device's firmware via a wired connection.



Configuration Procedures:

(1) Click **Browse**.

Tenda		Version VP.0(0:2 (75)(4) Product Name Wireless ACI 200 Dual Band Roure							
	Home	Home Status Network Wireless Advanced				Security Tools			
Logs	Firmware Upgrade	2				Helpful Hin	Its		
Traffic Statistics	Step1	Download	the latest firmware	from www.tendac	n.com	Use this section			
Time	Step2	your router's firmware for better functionality or new							
Change Password	Step3	Step3: Click Upgrade to upgrade your firmware.							
Backup	Select a firmware file		Brov	vse		updating is cor	mplete.		
Restore	Firmware Version	V1.0.0.2	(7514)			Note: Do not router or disco			
Firmware Update	Firmware Date	Aug 17 2	013			Ethernet cable upgrading, oth			
Restore to Factory Default Reboot			Upgrade			be permanenti Upgrading take minutes. When complete, the reboot automa	ly damaged. es about 2 it is device will		

2 Select the upgrade file and click **Open**.

③ Click **Upgrade** (or **Update**).

Tenda	Version V-0.0.2 (751-4) Product Name Wireless ACI 200 Dual Band Router								
	Home	Status	Network	Wireless	Advanced	Security	Tools		
Logs	Firmware Upgrad	e				Helpful Hin	ts		
Traffic Statistics	Step1	: Download t	the latest firmware	from www.tendac	n.com	Use this section your router's fi			
Time	Step2	Step2: Click Browse to locate and select the downloaded firmware.							
Change Password	Step3	Step3: Click Upgrade to upgrade your firmware.							
Backup	Select a firmware fil	e D:\US fh1	200V1BR V1.	wse		updating is complete.			
Restore	Firmware Version	n V1.0.0.2 ((7514)			Note: Do not router or disco			
Firmware Update	Firmware Date	e Aug 1720	013			Ethernet cable upgrading, oth			
Restore to Factory Default						be permanent	y damaged.		
Reboot			Upgrade			Upgrading take minutes. When complete, the	it is		
						reboot automa			

④ Click **OK** on the appearing window.

(5) An upgrade progress indicator bar appears during the upgrade process. When upgrade is complete, the device restarts automatically.



Tenda					Version Product Name	V1.0.0.2 (7514) Wireless AC1200	Dual Panel Paulae
	Home	Status	Network	Wireless	Advanced	Security	Tools
Logs	Upgrade					Helpful Hin	its
Traffic Statistics						Use this section	n to update
Time						your router's fi better function	
Change Password						features. The o reboot automa	
Backup						updating is cor	
Restore						Note: Do not prouter or disco	
		Updating	DO NOT disconnect	power supply 5%		Ethernet cable	while
Restore to Factory Default				power supply.s.v		upgrading, oth be permanentl	
Reboot			Rebooting Please	wait!		Upgrading take minutes. When	
						complete, the reboot automa	

6.8. Restore to Factory Default Settings

Click **Tools -> Restore to Factory Default** to enter the configuration screen. Here you can reset the device to factory default settings.

1. If you enable this option, all current settings will be deleted and be restored to factory default values. You will have to reconfigure Internet connection settings and wireless settings.

2. Do not restore factory default settings unless the following happens:

• You need to join a different network or unfortunately forget the login password.

• You cannot access Internet and Tenda technical staff asks you to reset the router.



Tenda		Version V4, 0,012 (751.4) Product Name Wireless AC 1200 Dual Band Router						
	Home	Status	Network	Wireless	Advanced	Security	Tools	
Logs	Restore Factor	y Default				Helpful Hin	its	
Traffic Statistics	To restore factory d	If you enable this option, all current settings will be deleted and be restored to						
Time								
Change Password		Res	store Factory Defa	ult		factory default	values.	
Backup						There is no p default pass		
Restore						Default IP Ac	ldress:	
Firmware Update						192.168.0.1		
						Default Subn 255.255.255		
Reboot						233.233.233.	0	

Click the **Restore Factory Default** button to reset the device to factory default settings.

- Default IP Address: 192.168.0.1
- Default Subnet Mask: 255.255.255.0

6.9 Reboot

Click **Tools -> Reboot** to enter the configuration screen. This section allows you to reboot the device.

1 Click Reboot.

Tenda						V1.0.0.2 (7514) Wireless AC1200	Dual Band Router
	Home	Status	Network	Wireless	Advanced	Security	Tools
Logs	Reboot					Helpful Hin	ts
Traffic Statistics	Click Reboot to resta	Rebooting the device activates new settings, and connections will be					
Change Password Backup			Reboot			disconnected a during the prog	
Restore							
Firmware Update							
Restore to Factory Default							
Reboot							



② Click **OK** on the appearing screen below:

③ The router restarts automatically if the **OK** button is clicked.

Tenda							
	Home	Status	Network	Wireless	Advanced	Security	Tools
	eboot ick Reboot to resta	-	Reboot	%		Helpful Hir Rebooting the activates new connections wi disconnected a during the pro	device settings, and II be automatically



Appendix 1 Configure PC TCP/IP Settings

Windows 7

() Click **Start -> Control Panel**.





2 Click Network and Internet.



3 Click Network and Sharing Center.

