

Wi-Fi router X7 AC1200

WLR-7100



User Manual

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Revision 1.1

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Note: All the information contained in this manual was correct at the time of publication.

However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.

Introduction

Congratulations on your purchase of the WiFi Router X7 AC1200. This router is compliant with 802.11a/b/g/n/ac and up to 3 times faster than standard 802.11n based routers while still being compatible with 802.11g & 802.11b devices. This router is not only a Wireless Access Point, but also doubles as a 4-port full-duplex Gigabit switch that connects your wired-Ethernet devices together at 10/100/1000 Mbps speeds.

At 300Mbps wireless transmission rate on 2.4GHz and 866 Mbps wireless transmission rate on 5GHz, the Access Point built into the router uses advanced MIMO (Multi-Input, Multi-Output) technology to transmit multiple streams of data in a single wireless channel, giving you seamless access to multimedia content. The robust RF signal travels farther, eliminates dead spots and extends the network range. For data protection and privacy, the router encodes all wireless transmissions with WEP, WPA, or WPA2 encryption.

With the built-in DHCP Server & powerful SPI firewall, the router protects your computers against intruders and most known Internet attacks and also provides safe VPN pass-through. With the incredible speed and QoS function of 802.11n, the router is ideal for media-centric applications like streaming video, gaming, and VoIP telephony to run multiple media-intense data streams through the network at the same time, with no degradation in performance.

With Sitecom Cloud Security, Sitecom goes one step further and ensures that you can surf the Internet even more safely, not only on your PC, but on all the devices in your home which you use to access the Internet. It does not matter whether you surf the Internet on a laptop, a tablet, a mobile telephone or your television. Thanks to the security that is integrated in the router, all the Internet devices in your home are protected against the dangers of Internet criminality.

Key Features

Features	Advantages		
Incredible Data Rate up to 866Mbps*	Heavy data payloads such as MPEG video streaming		
IEEE 802.11n Compliant and backwards compatible with 802.11b/g/n	Fully Interoperable with IEEE 802.11b / IEEE802.11g, IEEE 802.11n compliant devices with legacy protection		
Four 10/100/1000 Mbps gigabit Switch Ports (Auto-Crossover)	Scalability, extend your network.		
Firewall supports Virtual Server Mapping, DMZ, IP Filter, ICMP Blocking, SPI	Avoids the attacks of Hackers or Viruses from Internet		
Support 802.1x authenticator, 802.11i	Provide mutual authentication (Client and		
(WPA/WPA2, AES), VPN pass-through	dynamic encryption keys to enhance security		
Sitecom Cloud Security	Protect your home against cybercrime while browsing.		
USB Port	Connect any USB device and share it in your network.		
Guest Network	Devices connected to the Guest network will have Internet connection but no access to the main network and cannot communicate with each other.		
IPv6 support	Support for Static, Native, 6RD and DS-Lite.		

* Theoretical wireless signal rate based on IEEE standard of 802.11a, b, g, n, ac chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate. All specifications are subject to change without notice.

Package Contents

Open the package carefully, and make sure that none of the items listed below are missing. Do not discard the packing materials, in case of return; the unit must be shipped back in its original package.

- The WLR-7100 WiFi Router X7 AC1200
- A 110V~240V to 12V 1.25A Switching Power Adapter
- A Quick Install Guide
- A CD-ROM with software
- An UTP cable

Cautions

This router's design and manufacturer has your safety in mind. In order to safely and effectively use this router, please read the following before usage.

Usage Cautions

The user should not modify this router. The environmental temperature should be within $+5 \sim +35$ degrees Celsius.

Power

The router's power voltage is DC 12V 1.25A.

When using this router, please connect the supplied AC adapter or AC adapter cable to the router's power jack. When placing the adapter cable, make sure it can't get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the router in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

Repair

If the router has a problem, you should take it to an appointed repair center and let the specialists do the repair. Never repair the router yourself, you might damage the router or endanger yourself.

Disposing of the Router

When you dispose of the router, be sure to dispose it appropriately. Some countries may regulate disposal of an electrical device, please consult with your local authority.

Others

When using this router, please do not let it come into contact with water or other liquids. If water is accidentally spilled on the router, please use a dry cloth to absorb the spillage. Electronic products are vulnerable, when using please avoid shaking or hitting the router, and do not press the buttons too hard.

- Do not let the router come into contact with water or other liquid.
- Do not disassemble, repair or change the design of the router; any damage done will not be included in the repair policy.
- Avoid hitting the router with a hard object, avoid shaking the router and stay away from magnetic fields.
- If during electrostatic discharge or a strong electromagnetic field the product will malfunction, unplug the power cable. The product will return to normal performance the next time it is powered on.

Product Layout



Port	Description
Power connector	Connect the 12V DC adapter to this port
LAN (Yellow)	Connect your PCs or network devices to these ports
WAN (Blue)	Connect your ADSL/Cable modem to this port
USB Port	Connect a USB device to this port

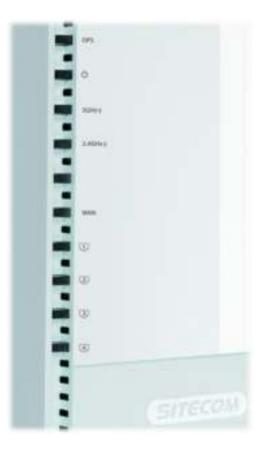
Backlabel and Network Details Folder

The Network Details Folder describes the IP address, login details, network name, security code and OPS button functionality.

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Button	Description				
OPS BUTTON	Press 2 seconds for WPS/OPS mode				
	Press both buttons 15+ Seconds to reset to factory defaults.				

LED Definition



As shown from the top to the bottom.

Port	Description				
OPS (White)	Shows OPS activity.				
Power (Red)	Shows the device is turned on.				
5GHz WiFi (Blue)	Shows 5GHz WiFi activity.				
2.4GHz WiFi (Blue)	Shows 2.4GHz WiFi activity.				
WAN (Blue)	Shows the WAN cable is connected.				
LAN (Blue)	Shows the cable is connected.				
LAN (Blue)	Shows the cable is connected.				
LAN (Blue)	Shows the cable is connected.				
LAN (Blue)	Shows the cable is connected.				

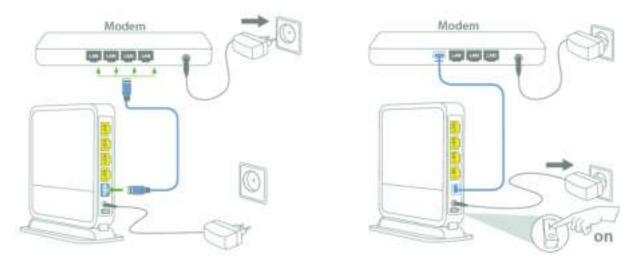
Network + System Requirements

To begin using the router, make sure you meet the following as minimum requirements:

- PC/Notebook.
- Operating System Microsoft Windows XP/VISTA/7 or Mac OSX
- 1 Free Ethernet port.
- WiFi card/USB dongle (802.11 a/b/g/n) optional.
- External xDSL (ADSL) or Cable modem with an Ethernet port (RJ-45).
- PC with a Web-Browser (Internet Explorer, Safari, Firefox, Opera)
- Ethernet compatible CAT5e cables.

Setup your Router

You can place the router on a desk or other flat surface, or you can mount it on a wall. For optimal performance, place your router in the center of your home (or your office) in a location that is away from any potential source of interference, such as a metal wall or microwave oven. This location must be close to a power connection and your ADSL/Cable modem.



Connect the supplied power-adapter to the power inlet port and connect it to a wall outlet. Switch the router on by flipping the switch on the back of the device. The router automatically enters the self-test phase. During self-test phase, the Power LED will be lit continuously to indicate that this product is in normal operation.

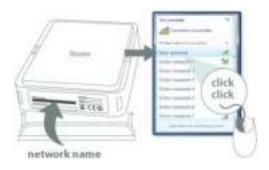
Setup your Computer

Windows, Manual Connection

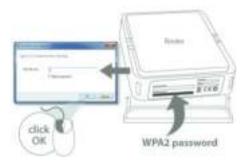
• Click on the icon for wireless connectivity. This is usually located in the System Tray, next to the clock.



• Select the Sitecom network. The correct network name can be found on the sticker on bottom of the router, or in the Network Details Folder.



• Fill in the password for the wireless network. The correct password can be found on the sticker on the bottom of the router, or in the Network Details Folder.



• Wait for the icon to display that it's connected to the network.

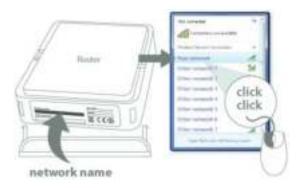


Windows, OPS Connection

• Click on the icon for wireless connectivity. This is usually located in the System Tray, next to the clock.



• Select the Sitecom network. The correct network name can be found on the sticker on bottom of the router, or in the Network Details Folder.



• Push the OPS Button on the router. For 2.4GHz, press 0-5 seconds. For 5GHz, press 5-10 seconds.



• Wait for the icon to display that it's connected to the network.

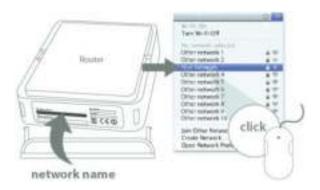


Mac OSX

• Click on the icon for wireless connectivity. This is usually located in the System Tray, next to the clock.



• Select the Sitecom network. The correct network name can be found on the sticker on bottom of the router, or in the Network Details Folder.



• Fill in the password for the wireless network. The correct password can be found on the sticker on the bottom of the router, or in the Network Details Folder.



• Wait for the icon to display that it's connected to the network.



Login to your Router

LOGIN procedure

• OPEN your browser (e.g. Internet Explorer).



• Type http://sitecom.router in the address bar and press [Enter].

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• Type user name and password. The default username is admin, the password can be found on the back label on the bottom of your router.

.168.0.1 requires a username and password.
User name
Password
Remember my credentials

- Click OK.
- You will see the home page of the WiFi Router X7 AC1200.

Configure your Internet connection

From the menu, select "Internet Settings".

Wi-Fi Router Status | Internet Settings | 2.4GHz WPi | 5GHz WPi | Pinewall | Advanced Settings | Toolbox |

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Depending on the chosen setting, you may need to enter your user name and password, MAC address or hostname in the following window. After you have entered the correct information, click **Apply**.

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IPv6 Configuration

The IPv6 (Internet Protocol version 6) section is where you configure your IPv6 Connection type.

IPv6 Connection Type

There are several connection types to choose from: Static IPv6, Autoconfiguration, 6RD and Linklocal only. If you are unsure of your connection method, please contact your IPv6 Internet Service Provider.

Static IPv6 Mode

This mode is used when your ISP provides you with a set IPv6 addresses that does not change. The IPv6 information is manually entered in your IPv6 configuration settings. You must enter the IPv6 address, Subnet Prefix Length, Default Gateway, Primary DNS Server and Secondary DNS Server. Your ISP provides you with all this information.

IPv6 Settlege IPv6 Settlege	
Use this ancline is covingers your life Provider.	5 Connection type. If you are unsure of your connection method, please contact your Internet Service
IPv6 Connection Type	
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Use Link Local Address :	a
IPy6 Address :	
Salaret Prellic Length :	0
Datault Gateway :	
Primary IPv6 DNS Address :	
Secondary IPv6 DHS Address	
LAN IPv6 Address :	/64
LAN IPv6 Link-Local Address	FE80:6601(A3FF)FE03(8776/64
Enably automatic IPv6 address assignment :	2
Autoconfiguration Type :	SLAAC + RDNSS 🛛 👻
Nuter Advertisement Lifetime :	1440 (minutes)

6RD Mode

In the 6RD mode, no additional configuration is necessary.

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	6RD Configuration :	· HED DHOPH OF	tion C Hansal Co	ell gase atlans
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	IPv4 Address	10.00.00	Mask Length (25)	
	SPv6 Profix Arrange :	2A00:0640.1000:	CA00::/56	
Tatte	nd Link Local Address :	FEBD::0400:0004	/64	
	ORD Border Belay EPv4 Address	37.77.67.129		
Frâns	ary IPoS DBS Address :			
Second	ery IPv9 DHS Address :	0		
	LAN IPv6 Address	÷		/64
LAN IP	v6 Link Local Address	FERD::6601:A3FF	91111:0776/64	
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				Apply Cancel

Link-local Mode

The Link-local address is used by nodes and routers when communicating with neighboring nodes on the same link. This mode enables IPv6-capable devices to communicate with each other on the LAN side.



Configure your Router

Status

The System status section allows you to monitor the current status of your router, the UP time, hardware information and serial number as well as firmware version information is displayed here.

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DHCP Server

The DHCP Server tab gives you the opportunity to change the IP settings of the router.

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Click **Apply** at the bottom of this screen to save any changes.

- IP address 192.168.0.1: It is the router's LAN IP address (Your LAN clients default gateway IP address).
- IP Subnet Mask 255.255.255.0: Specify a Subnet Mask for your LAN segment.
- **802.1d Spanning Tree**: Disabled by default. If the 802.1d Spanning Tree function is enabled, this router will use the spanning tree protocol to prevent network loops.
- **DHCP Server**: Enabled by default. You can enable or disable the DHCP server. When DHCP is disabled no ip-addresses are assigned to clients and you have to use static ip-addresses. When DHCP server is enabled your computers will be assigned an ip-address automatically until the lease time expires.
- **Lease Time**: One Week. In the Lease Time setting you can specify the time period that the DHCP lends an IP address to your LAN clients. The DHCP will change your LAN client's IP address when this time threshold period is reached.
- IP Address Pool: You can select a particular IP address range for your DHCP server to issue IP addresses to your LAN Clients. The default IP range is 192.168.0.100 ~ 192.168.0.200. If you want your PC(s) to have a static/fixed IP address, then you'll have to choose an IP address outside this IP address Pool
- **Domain Name**: You can specify a Domain Name for your LAN or just keep the default (sitecom.router).

Device Status

View the router's current configuration settings. Device Status displays the configuration settings you've configured in the Internet Settings and WiFi Settings sections.

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DHCP Server :	Drubbel	
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Internet Status

This page displays whether the WAN port is connected to a Cable/DSL connection. It also displays the router's WAN IP address, Subnet Mask, and ISP Gateway as well as MAC address, the Primary DNS. Press Renew button to renew your WAN IP address.



DHCP Client Status

This page shows all DHCP clients (LAN PCs) currently connected to your network. The table shows the assigned IP address, MAC address and expiration time for each DHCP leased client. Use the Refresh button to update the available information.

You can check "Enable Static DHCP IP". It is possible to add more static DHCP IPs. They are listed in the table Current Static DHCP Table. IP can be deleted at will from the table.

Click **Apply** to save the changed configuration.

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El Knable (Static DHCP IP						
	3P address		MACA	ddrees			
Add.)	Report						
102203404 102	Renet Static DHCP T	able 1					

WLR-7100 Log

View the operation log of the router. This page shows the current system log of the router. It displays any event that occurred during or after system start up. At the bottom of the page, the system log can be saved <Save> to a local file for further processing or the system log can be cleared <Clear> or it can be refreshed <Refresh> to get the most updated information. When the system is powered down, the system log will disappear if not saved to a local file.

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WLR-7100 Statistics

Shows the counters of packets sent and received on WAN, LAN & WLAN.

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System Status	DHCP Server	Device Mattee	Internet Matter	OHCF Shalas	100	Statistics	
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	Ethernet WA	Sert Packets		41			
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Wireless Settings

You can set parameters that are used for the wireless stations to connect to this router for the 2.4 GHz radio or 5 GHz radio. The parameters include Mode, ESSID, Channel Number and Associated Client.

Wireless Function

Enable or Disable Wireless function here. Click Apply and wait for module to be ready & loaded.



VVI-F	ROU	iter								SHECOM
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• **Band**: Allows you to set the AP fixed at 802.11b or 802.11g mode. You can also select B+G mode to allow 802.11b and 802.11g clients at the same time. For the 5GHz mode you can set 802.11a, 802.11n, 802.11a/n or 802.11ac mode.

- **Guest Network**: Enable this to activate the Guest Network. Devices connected to the Guest network will have Internet connection but no access to the main network and cannot communicate with each other
- **SSID**: This is the name of the wireless signal which is broadcasted. All the devices in the same wireless LAN should have the same SSID.
- **Channel**: The channel used by the wireless LAN. All devices in the same wireless LAN should use the same channel.

Guest Network

Mode :	ap 🗸
Band :	2.4 GHz (BILL Thogse) 🛩
Guest Metwork :	* Teathe Claudie
Gaarst TP address 7	192.168.165.3
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Apply Centur

- **Guest IP address**: The gateway address for the Guest Network. This address cannot be the same as the default router's IP Address.
- **Guest Subnet Mask**: The Subnet Mask for the Guest network. This address cannot be the same as the default router's Subnet Mask.
- **Guest Lease Time**: One Week. In the Lease Time setting you can specify the time period that the DHCP lends an IP address to your LAN clients. The DHCP will change your LAN client's IP address when this time threshold period is reached.
- **Guest Start IP + End IP**: You can select a particular IP address range for your DHCP server to issue IP addresses to your LAN Clients. The default IP range is 192.168.169.100 ~ 192.168.169.200. This address pool cannot be the same as the default router's DHCP Address pool.
- **Guest SSID**: This is the name of the wireless signal which is broadcasted as the Guest Network. This name cannot be the same as the default SSID.

Advanced Settings

This tab allows you to set the advanced wireless options. The options included are, Fragment Threshold, RTS Threshold, Beacon Interval, and Preamble Type. You should not change these parameters unless you know what effect the changes will have on the router.

Wi-Fi Router



Status Ditemet Settings 2.4GHz WIFI SGHz WITI Finewall Advanced Settings Toolbox

Diosse your language •

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		ament Thresh	old 2346		(256-2346)		
		ATS Thresh	and : 2345		(3-2548)		
		Buacon Inter	val 1 100		(20-1000 mm)		
		D13M Per	tod = 1		(1-255)		
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		Presentale Tr		ng Pikan	idale 🕀 Short Pr	ordite	
		CIS Protect	001 # AJ	to C Ale	ant O norm		
		To Per	ner: 100	5. 4			

- **Fragment Threshold**: "Fragment Threshold" specifies the maximum size of a packet during the fragmentation of data to be transmitted. If you set this value too low, it will result in bad performance.
- **RTS Threshold**: When the packet size is smaller then the RTS threshold, the wireless router will not use the RTS/CTS mechanism to send this packet.
- **Beacon Interval**: This is the interval of time that this wireless router broadcasts a beacon. A Beacon is used to synchronize the wireless network.
- **Data Rate**: The "Data Rate" is the rate that this access point uses to transmit data packets. The access point will use the highest possible selected transmission rate to transmit the data packets.
- **N Data Rate**: The "Data Rate" is the rate that this access point uses to transmit data packets for N compliant wireless nodes. Highest to lowest data rate can be fixed.
- **Channel Bandwidth**: This is the range of frequencies that will be used.
- **Preamble Type**: The "Long Preamble" can provide better wireless LAN compatibility while the "Short Preamble" can provide better wireless LAN performance.
- **TX Power**: The transmit power can be set to a bare minimum or maximum power for better performance or power saving.

Security

This router provides complete wireless LAN security functions, included are WEP, IEEE 802.11x, IEEE 802.11x with WEP, WPA with pre-shared key and WPA with RADIUS. With these security functions, you can prevent your wireless LAN from illegal access. Please make sure your wireless stations use the same security function, and are setup with the same security key.

Wi-Fi Route	er	SITECOM
Status Internet Settings 2.4GH	tz WiFi SGHz WiFi Firewall Advanced Settings Toolbox	Choose your language
	awity ACL White the security. Turn on WEP or WPA by using Disrighten Keyn studd prevent an	unauthorized access to your
SSID Selection :	SaeconCAPEDC +	
Breadcast ESSID :	Eruble -	
WHIN :	Erativ +	
Encryption :	WPA pre-shared key	
WWA Type :	© WPS(TKIP) . WPA2(MIX) . © WPA2 Mond	
Pre-shared say type :	Passylvase +	
Pro-shared Key :	SOW 759M MEDC	
		Apply Cancel

Disable

When you choose to disable encryption, it is very insecure to use the router.

S5III Selection :	StatunO67835 •			
Broadcast ESSID :	Enable +			
WHERE I	Enable +			
Encryption :	Dueble			
nable 802.1x Authentication				

Enable 802.1x Authentication

Enable 802.1x Authentication	
RADIUS Server IP Address :	
RADIUS Server Part :	1812
EALISIIS Server Festword I	

Apply Cantal

IEEE 802.1x is an authentication protocol. Every user must use a valid account to login to this Access Point before accessing the wireless LAN. The authentication is processed by a RADIUS server. This mode only authenticates users by IEEE 802.1x, but it does not encrypt the data during communication

WEP

SSID Selection (SiecenO6F890 +
Broadcast ESSID (Enable -
WHM :	Enable -
Encryption :	WEP -
Authentication type :	Open System O Shared Key O Auto
Key Length :	64-bit •
Key Type :	ASCI(5 (haracteri) +
Default Key :	Kay1 -
Encryption Ray 1 :	
Encryption Rey 2 :	
Encryption Key 3 :	
Encryption Key 4 (

Apply Cancel

When you select 64-bit or 128-bit WEP key, you have to enter WEP keys to encrypt data. You can generate the key by yourself and enter it. You can enter four WEP keys and select one of them as a default key. Then the router can receive any packets encrypted by one of the four keys.

- **Key Length**: You can select the WEP key length for encryption, 64-bit or 128-bit. The larger the key will be the higher level of security is used, but the throughput will be lower.
- **Key Type**: You may select ASCII Characters (alphanumeric format) or Hexadecimal Digits (in the "A-F", "a-f" and "o-9" range) to be the WEP Key.
- **Key1 Key4**: The WEP keys are used to encrypt data transmitted in the wireless network. Use the following rules to setup a WEP key on the device. 64-bit WEP: input 10-digits Hex values (in the "A-F", "a-f" and "o-9" range) or 5-digit ASCII character as the encryption keys. 128-bit WEP: input 26-digit Hex values (in the "A-F", "a-f" and "o-9" range) or 13-digit ASCII characters as the encryption keys.

Click **Apply** at the bottom of the screen to save the above configuration.

WPA Pre-shared Key

Wi-Fi Rout	er	SITECOM
Status Internet Settings 2.40	Hz WIFI SCHz Wifi Pirewall Advanced Settings Toolbox	Choose your language 🔹
Sadde Roots Advected S	acturity ACL West	
This page allows you estup the en windows hetwork.	eless security. Turn on WEP or WF4 by using Encryption Keys could prevent an SteconODFEIC •	y unustherand access to your
Broadcast ESSID	Erudie -	
WHM Encryption	Enable +	
WPA Type	Owna(TKIP) # whatcasts O what Head	
Pre-shared key type	Passytrace +	
Pro-shared Key	SOW799MMMEDC	Apply Cancel

Wi-Fi Protected Access (WPA) is an advanced security standard. You can use a pre-shared key to authenticate wireless stations and encrypt data during communication. It uses TKIP or CCMP (AES) to change the encryption key frequently, so the encryption key is not easy to be cracked by hackers. This is the best security available.

WPA-Radius

The page allow newless network B		m : Sincar	unty. Tu	or RPV	PA fry 1	using D	esation	Keys toub	d prevent	any una	uthento	ed acts	en tie yn
,			007530										
	Instant 155	hadred -											
		to: Enable											
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	Encrypti	IR: INPAR	ADUS										
	WPA Ty	WE DWA	(TRIP)		0 ye	RAZ Mine	d.						
RADDES Se	ever IP Addre												
8,800	all's Server Pe	sta 1812											
RADEUS S	erver Fusawe	ed i											

Wi-Fi Protected Access (WPA) is an advanced security standard. You can use an external RADIUS server to authenticate wireless stations and provide the session key to encrypt data during communication. It uses TKIP or CCMP (AES) to change the encryption key frequently. Press **Apply** when you are done.

ACL

Wi-Fi Router



	-				-		
dile :	Basis	Advessed	Susselly.	AGL	WPR		
MAG	C Addre	ss Filtering	Table				
мл	C Addre	ss Filtering					
	80.		14.6	C address	c.	Comment	Sein 1
čiai.	NO.	ss Filtering	HA		e.	Conserved	Seies1

This wireless router supports MAC Address Control, which prevents unauthorized clients from accessing your wireless network.

- Enable wireless access control: Enables the wireless access control function
- Adding an address into the list: Enter the "MAC Address" and "Comment" of the wireless station to be added and then click "Add". The wireless station will now be added into the "Current Access Control List" below. If you are having any difficulties filling in the fields, just click "Clear" and both "MAC Address" and "Comment" fields will be cleared.
- **Remove an address from the list**: If you want to remove a MAC address from the "Current Access Control List", select the MAC address that you want to remove in the list and then click "Delete Selected". If you want to remove all the MAC addresses from the list, just click the "Delete All" button. Click "Reset" will clear your current selections.

Click **Apply** at the bottom of the screen to save the above configurations. You can now configure other sections by choosing Continue, or choose Apply to apply the settings and reboot the device.

WPS

Wi-Fi Protected Setup (WPS) is the simplest way to establish a connection between the wireless clients and the wireless router. You don't have to select the encryption mode and fill in a long encryption passphrase every time when you try to setup a wireless connection. You only need to press a button on both wireless client and wireless router, and WPS will do the rest for you.

The wireless router supports two types of WPS: WPS via Push Button and WPS via PIN code. If you want to use the Push Button, you have to push a specific button on the wireless client or in the utility of the wireless client to start the WPS mode, and switch the wireless router to WPS mode. You can simply push the WPS button of the wireless router, or click the 'Start to Process' button in the web configuration interface. If you want to use the PIN code, you have to know the PIN code of the

wireless client and switch it to WPS mode, then fill-in the PIN code of the wireless client through the web configuration interface of the wireless router.

Wi-Fi Rout	er	SITECOM
Status Internet Settings 2.4G	Hz WIFi SGHz WPi Firewall Advanced Settings Ti	colbox Choose your language •
Analyle Sumin Advanced Se	eserily ACL WPS	
WP5 :	W Enable	
Wi-Fi Protected Setup In	formation	
WPS Current Status	Configured Release colligation	
Salf Pie Code /	40678362	
SSID :	StatumD6P69C	
Authentication Hode :	WPA2 pre-manual key	
Passphrase Key :	ADM PARMAGE DC	
WPS Via Pash Initian	Blattin Processe	
WPS Via PDN :	Statin Process	

- **WPS**: Check the box to enable WPS function and uncheck it to disable the WPS function.
- **WPS Current Status**: If the wireless security (encryption) function of this wireless router is properly set, you'll see a 'Configured' message here. Otherwise, you'll see 'UnConfigured'.
- **Self-Pin Code**: This is the WPS PIN code of the wireless router. You may need this information when connecting to other WPS-enabled wireless devices.
- **SSID**: This is the network broadcast name (SSID) of the router.
- **Authentication Mode**: It shows the active authentication mode for the wireless connection.
- **Passphrase Key**: It shows the passphrase key that is randomly generated by the wireless router during the WPS process. You may need this information when using a device which doesn't support WPS.
- **WPS via Push Button**: Press the button to start the WPS process. The router will wait for the WPS request from the wireless devices within 2 minutes.
- **WPS via PIN**: You can fill-in the PIN code of the wireless device and press the button to start the WPS process. The router will wait for the WPS request from the wireless device within 2 minutes.

Firewall Settings

The router provides extensive firewall protection by restricting connection parameters, thus limiting the risk of hacker attacks, and defending against a wide array of common Internet attacks. However, for applications that require unrestricted access to the Internet, you can configure a specific client/server as a Demilitarized Zone (DMZ).

Note: To enable the Firewall settings select Enable and click Apply



DMZ

If you have a client PC that cannot run an Internet application (e.g. Games) properly from behind the NAT firewall, then you can open up the firewall restrictions to unrestricted two-way Internet access by defining a DMZ Host. The DMZ function allows you to re-direct all packets going to your WAN port IP address to a particular IP address in your LAN. The difference between the virtual server and the DMZ function is that the virtual server re-directs a particular service/Internet application (e.g. FTP, websites) to a particular LAN client/server, whereas DMZ re-directs all packets (regardless of services) going to your WAN IP address to a particular LAN client/server.

tatus Internet Se	entings 2.4GHz W/Fi SGHz W/Fi Firewall Adv	used Settings Trobes D	oose your languinge
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tania paz a	het Access Mitt Spherk		
C Enable DH2	Public IP Address	Clinat PC IP Address	
	Dynamic IP Seesion 7 •	and the second sec	
Att	C static in		
Add Renet	C static in		

- Enable DMZ: Enable/disable DMZ
- **Public IP Address**: The IP address of the WAN port or any other Public IP addresses given to you by your ISP
- **Client PC IP Address**: Fill-in the IP address of a particular host in your LAN that will receive all the packets originally going to the WAN port/Public IP address above.

Click **Apply** at the bottom of the screen to save the above configurations.

Denial of Service (DoS)

The Broadband router's firewall can block common hacker attacks, including Denial of Service, Ping of Death, Port Scan and Sync Flood. If Internet attacks occur the router can log the events.

Wi-Fi Rout	er	SITECOM
Status Internet Settings 2.4G	tz Wilh SGHz Wilh Firewall Advanced Settings Toobox	(Doose your language 🔹
Faultile DH2 Duty Access	URL Weich	
	er attacks, including DoS, Decard Ping from WWM and Port Scan -	
Denial of Service feature Ping of Death		
Discard Plag on WAM :	27	
Pert Scen :	8	
Sync Flood :	2	
	Advanced Settings	
		Apply Cancel

- Ping of Death: Protection from Ping of Death attacks
- Discard Ping From WAN: The router's WAN port will not respond to any Ping requests
- **Port Scan**: Protects the router from Port Scans.
- **Sync Flood**: Protects the router from Sync Flood attack.

Click **Apply** at the bottom of the screen to save the above configuration.

Access

You can restrict users from accessing certain Internet applications/services (e.g. Internet websites, email, FTP etc.), Access Control allows users to define the traffic type permitted in your LAN. You can control which PC client can have access to these services.

States Internet Settings 2.4GHz WIT SGHz WIT Firewall Advanced Settings Toolhox tankin BHZ Internet Mitz Macs Mitz Macs Mitz Macs Toolhox Access Cantrol allows users to define the traffic type permitted or net permitted in your LAA. Nou can central who are tool. If both MAC filtering and IP filtering are unabled, the MAC filtering table set to checked linet. Cleast PC MAC Address Comment Add: Receive Cleast PC MAC Address Comment Comment	SITECOM
Access Cantrol allows overs to define the traffic type permitted or net permitted in your LAN. You can control who access to . If both MAC filtering and IP filtering are unabled, the MAC filtering table will be checked first. Check PC MAC Address Co Add: Recei MAC Filtering table :	Diosse your language
Access to: If both MAC filtering and IP filtering are unabled, the MAC filtering table self be checked first . Client PC MAC Address Co Act	
Add Reset	PC sees what services or has
MAC Filtering table :	
NO. Cliest PC MAC Address Comment	
	Select
Coles Belefart Coles W Rest	
ND, PC Description PC DP Address Client Service Protocol Part range Add. Device Searched Deter Al	Select

- **Deny**: If you select "Deny" then all clients will be allowed to access Internet accept for the clients in the list below.
- Allow: If you select "Allow" then all clients will be denied to access Internet accept for the PCs in the list below.
- Filter client PCs by IP: Fill in "IP Filtering Table" to filter PC clients by IP.
- Add PC: You can click Add PC to add an access control rule for users by IP addresses.
- **Remove PC**: If you want to remove some PCs from the "IP Filtering Table", select the PC you want to remove in the table and then click "Delete Selected". If you want to remove all PCs from the table, just click the "Delete All" button.
- Filter client PC by MAC: Check "Enable MAC Filtering" to enable MAC Filtering.
- Add PC: Fill in "Client PC MAC Address" and "Comment" of the PC that is allowed to access the Internet, and then click "Add". If you find any typo before adding it and want to retype again, just click "Reset" and the fields will be cleared.

Remove PC: If you want to remove some PC from the "MAC Filtering Table", select the PC you want to remove in the table and then click "Delete Selected". If you want to remove all PCs from the table, just click the "Delete All" button. If you want to clear the selection and re-select again, just click "Reset".

Click **Apply** at the bottom of the screen to save the above configuration.

URL block

You can block access to some Web sites from particular PCs by entering a full URL address or just keywords of the Web site.

Wi-Fi I	Router		SITECOM
Status Internet S	mings 2,4GHz WIT SGHz WIT	Firewall Advanced Settings Toobox	Diodae your language •
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	URL/heyword =		
Add Reve			
Current URL	Blocking Table :		
110.	Un	L/heyword	Select
Detute Selected	Dvum Al Beset		Apply Concel

- Enable: URL Blocking Enable/disable URL Blocking
- Add URL/keyword: Fill in "URL/Keyword" and then click "Add". You can enter the full URL address or the keyword of the web site you want to block.
- Remove URL/keyword: If you want to remove some URL keywords from the "Current URL Blocking Table", select the URL keyword you want to remove in the table and then click "Delete Selected". If you want remove all URL keywords from the table, just click "Delete All" button. If you want to clear the selection and re-select again, just click "Reset".

Click **Apply** at the bottom of the screen to save the above configuration.

Advanced Settings

Network Address Translation (NAT) allows multiple users at your local site to access the Internet through a single Public IP Address or multiple Public IP Addresses. NAT provides Firewall protection from hacker attacks and has the flexibility to allow you to map Private IP Addresses to Public IP Addresses for key services such as Websites and FTP.

tus Internet Settin	gs 2.4GHz Wil	SGHZ W/N Free	uit Ad	lvanced	Settings Toobo	d	Diotae your langua
T. Part forwarding	Votual Baryor	Reserved Applications	AL6	UNIT	Quality of Service		í.
	us Pressal protectio	multiple aiers to access t n from tacker attacks are PTP .					
Addresses, NAT provid Addresses for key sarv	ns Penneal protectio You such as Web o	riftiom tacker attacks are					
Addresses, NAT provid addresses for key sar- Trable or disable NAT	ns Penneal protection room such an Web to 11 • Enable : O	ri from fueckor affacks, are CPTP ,	d huas the	flectbillty	ta alkoi you ta mag Pri	vate IP Addr	onnen to Public (P

- NAT: Select Disable to disable the NAT function.
- Hardware Accelerator: Select Enable to use hardware acceleration for routing. This gives a speed increase in WAN->LAN performance. Please note that this disables the QoS service.

Port Forwarding

Port Forwarding allows you to re-direct a particular range of service port numbers (from the Internet/WAN Port) to a particular LAN IP address. It helps you to host servers behind the router NAT firewall.

Port forwarding Initial linear Special Application ALL UPort Quality of Service of the port Defines in the table allow you to automatically indexet common network constants to a specific PC belied the NAT fermula Combine Port Forwarding	
remains of you with to host same not of server like a soft server or male server or the local network .	l. These settings are on
Local IP Type Port range Co	Comment
Bob +	
Add Report	
Current Port Forwarding Table :	

- Enable Port Forwarding: Enable Port Forwarding
- Local IP: This is the private IP of the server behind the NAT firewall.
- **Type**: This is the protocol type to be forwarded. You can choose to forward "TCP" or "UDP" packets only, or select "both" to forward both "TCP" and "UDP" packets.
- **Port Range**: The range of ports to be forward to the private IP.
- **Comment**: description of this setting.
- Add: Fill in the "Private IP", "Type", "Port Range" and "Comment" of the setting to be added and then click "Add". Then this Port Forwarding setting will be added into the "Current Port Forwarding Table" below.
- **Remove**: If you want to remove a Port Forwarding setting from the "Current Port Forwarding Table", select the Port Forwarding setting that you want to remove in the table and then click "Delete Selected". If you want to remove all Port Forwarding settings from the table, just click "Delete All" button. Click "Reset" will clear your current selections.

Virtual Server

Use the Virtual Server function when you want different servers/clients in your LAN to handle different service/Internet application type (e.g. Email, FTP, Web server etc.) from the Internet. Computers use numbers called port numbers to recognize a particular service/Internet application type. The Virtual Server allows you to re-direct a particular service port number (from the Internet/WAN Port) to a particular LAN private IP address and its service port number.

tus Int	ternet Setting	as 2,4GHz W	n SGHz WIN Pire	wali Advan	ced Settings Tool	box	Choose your lange
1 Per	t forwarding	Virtual Barrow	Special Applications	ALL UP	of Quality of Nervice	and perf.	
ef your k	od sarves (PCP) ocal (PCR) bile Virtual Ser	(DP) pot rumber.	erver allowing renders o The noder self redence	oers to access is the octornal ser	ervices such as Web or P min requirer to the appro	TP at your local P priato internal o	C. Depending on the even Oscalard all or operations are operating as pre- table of the operating of the o
ef your k	ed service (FCH) ocal (FCR)	VOP) pot number. Ver	erver allowing retrote to The nouter self redirect Lacat Pert	ners to access is the orbitral ser Type	enteres such as Web or F ma request to the appro Public Port	onato internal e	C. Depending on the even (located at or unseet)
ef your k	od sarves (PCP) ocal PCI() date Virtual Ser	VOP) pot number. Ver	, the router will redenez	the external ser	ma require to the appri	onato internal e	erver (located at or
Add	of serves (POV ocal PCs) dele Virtual Ser Escal Reset	VOP) pot number. Ver	, the router will redenez	the oxismal ser Type	ma require to the appri	onato internal e	erver (located at or

- Enable Virtual Server: Enable Virtual Server.
- Local IP: This is the LAN client/host IP address that the Public Port number packet will be sent to.
- Local Port: This is the port number (of the above Private IP host) that the below Public Port number will be changed to when the packet enters your LAN (to the LAN Server/Client IP).
- **Type**: Select the port number protocol type (TCP, UDP or both). If you are unsure, then leave it to the default "both" setting. Public Port Enter the service (service/Internet application) port number from the Internet that will be re-directed to the above Private IP address host in your LAN
- **Comment**: The description of this setting.
- Add: Fill in the "Private IP", "Private Port", "Type", "Public Port" and "Comment" of the setting to be added and then click "Add". Then this Virtual Server setting will be added into the "Current Virtual Server Table" below.
- **Reset**: If you want to remove Virtual Server settings from the "Current Virtual Server Table", select the Virtual Server settings you want to remove in the table and then click "Delete Selected". If you want to remove all Virtual Server settings from the table, just click the "Delete All" button. Click "Reset" will clear your current selections.

Special Applications

Some applications require multiple connections, such as Internet games, video Conferencing, Internet telephony and others. In this section you can configure the router to support multiple connections for these types of applications.

a Internet Settie	ngs 2.4GHz WIFI	SGH2 WFI Firm	sail Advanced	Settings Toobo	kl –	Diocee your langua
Part Isrearting	Writual Server	Special Applications	ALC: UPHP	Quality of Service	. UTIH poort	1
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port narmalic accordat associated with the tr E Feable Trigger P	ed with an application opper port to open the Nort	un the "Tingger Part" fe in hir inhinaid traffic	dif, and at the proto	celtige as TCP or UDP.	then enter th	he public porte
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port narmalic accordat associated with the tr E Feable Trigger P	ed with an application opper port to open the Nort Delageer to Both • E : Select an applicat	ner the Thigger Part Te in for inhoused traffic	dif, and at the proto	coltype as TCP or 1204. Public type	then enter th	he judile ports

- Enable Trigger Port: Enable the Special Application function.
- **Trigger Port**: This is the outgoing (Outbound) range of port numbers for this particular application.
- **Trigger Type**: Select whether the outbound port protocol is "TCP", "UDP" or both.
- **Public Port**: Enter the In-coming (Inbound) port or port range for this type of application (e.g. 2300-2400, 47624).
- **Public Type**: Select the Inbound port protocol type: "TCP", "UDP" or both.
- **Comment**: The description of this setting.
- **Popular applications**: This section lists the more popular applications that require multiple connections. Select an application from the Popular Applications selection. Once you have selected an application, select a location (1-10) in the Copy to selection box and then click the Copy to button. This will automatically list the Public Ports required for this popular application in the location (1-10) you specified.
- Add: Fill in the "Trigger Port", "Trigger Type", "Public Port", "Public Type", "Public Port" and "Comment" of the setting to be added and then click "Add". The Special Application setting will be added into the "Current Trigger-Port Table" below. If you happen to make a mistake, just click "Clear" and the fields will be cleared.
- **Reset**: If you want to remove Special Application settings from the "Current Trigger-Port Table", select the Special Application settings you want to remove in the table and then click "Delete Selected". If you want remove all Special Application settings from the table, just click the "Delete All" button. Click "Reset" will clear your current selections.

UPnP

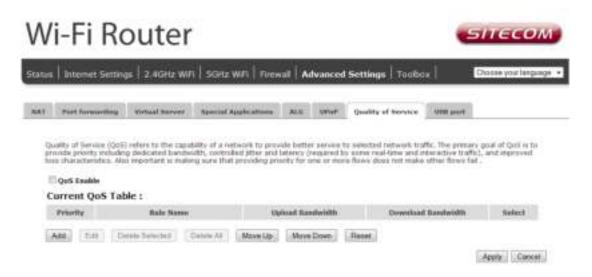
With UPnP, all PCs in you Intranet will discover this router automatically, so you don't have to configure your PC and it can easily access the Internet through this router.



UPnP Feature: You can enable or Disable the UPnP feature here. After you enable the UPnP feature, all client systems that support UPnP, like Windows XP, can discover this router automatically and access the Internet through this router without having to configure anything. The NAT Traversal function provided by UPnP can let applications that support UPnP connect to the internet without having to configure the virtual server sections.

QoS

QoS can let you classify Internet application traffic by source/destination IP address and port number. You can assign priority for each type of application and reserve bandwidth for it. The packets of applications with higher priority will always go first. Lower priority applications will get bandwidth after higher priority applications get enough bandwidth. This can let you have a better experience in using critical real time services like Internet phone, video conference ...etc. All the applications not specified by you are classified as rule name "Others". The rule with a smaller priority number has a higher priority; the rule with a larger priority number has a lower priority. You can adjust the priority of the rules by moving them up or down.



- Enable/Disable QoS: You can check "Enable QoS" to enable QoS functionality for the WAN port.
- Add a QoS rule into the table: Click "Add" then enter a form of the QoS rule. Click "Apply" after filling out the form the rule will be added into the table.
- **Remove QoS rules from the table**: If you want to remove QoS rules from the table, select the QoS rules you want to remove in the table and then click "Delete Selected". If you want remove all QoS rules from the table, just click the "Delete All" button. Clicking "Reset" will clear your current selections.
- Edit a QoS rule: Select the rule you want to edit and click "Edit", then enter the detail form of the QoS rule. Click "Apply" after editing the form and the rule will be saved.
- Adjust QoS rule priority: You can select the rule and click "Move Up" to make its priority higher. You also can select the rule and click "Move Down" to make its priority lower.

USB port

You can use the USB port in Server mode as a Samba server for filesharing in your home network or in NetUSB mode as a virtual USB port on your computer. Please note that for NetUSB mode you need the USB Port Control Center software installed on your computer.

atus Internet Settings 2.40	tz Will SGitz Will Resvall Advar	ced Settings Toolbox	Diocee your langua
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vov computer. Please note that f USB Access Mode	mode as a Samba server for Restlamig in your fuelti Sel mode vou reed the Control Center o	home network or in Netural Itware metalled on your com	8 mode as a vetual USB part on sputer.
USB Access Mode # Server Hole © NetLISE Mod Server Information	r Nettu Sel medie volu need the Control Centor o	home installed on your com	8 mode is a virtual USB port on sputor.
Voor computer. Please note that f USB Access Mode * Server Hude © NetLISE Mod Server Information Server Rame	NetUSE mode visu read the Control Centor of SMBSERVER	hone instanti, or in NatUSB Tware installed on your com	8 mode is a virtual USB port on nautor.
USB Access Mode # Server Hude © NetLISE Mod Server Information Server Riese Workgroup	r Nettu Sel medie volu need the Control Centor o	home instance or in NetUSB tware installed on your com	8 mode is a virtual USB port on sputor.
Very computer. Please note that I USB Access Mode # Server Hude © NetLISE Mod Server Information Server Rome Workgroup Description (continue)	SMBSERVER	home installed on your com	8 mode is a vetual USB port on nguber.
USB Access Mode # Server Hole © NetLISE Mod Server Information Server Riese Workgroup	NetUSE mode visu read the Control Centor of SMBSERVER	home installed on your com	8 mode is a virtual USB port on nautor.

Apply Cancel

- **Server name**: Enter a name for the network share.
- **Workgroup**: If you wish to add the share to your workgroup enter the workgroup name here.
- **Description**: Enter a desired description for the share.
- Administrator: Enter a desired username for access to the share.
- **New Password**: Enter the password for access to the share and confirm this password by reentering it in the Confirm password field

For netUSB make sure the radio button next to netUSB is selected and press **Apply**. Please see Addendum A: USB Port Control Center for more information about netUSB.

Toolbox Settings

Sitecom Cloud Security

Antivirus software alone is not safe enough. You can now benefit from additional built-in security in your modem or router. Protect all devices in your home network against cybercrime while browsing. Activate in just one click, your network and devices are better secured than ever before.

Your Sitecom device comes with a 6 month free Sitecom cloud security subscription.

Activating Sitecom Cloud Security

After you have set up your Sitecom device for internet access, open the web browser and enter <u>http://www.sitecomcloudsecurity.com</u> in the address bar.

If the device has been properly configured the following web page should be shown.

CP 1	Sitecom Cloud Security	
	Congratulations, you can now surf s	afely
	How many devices in your know use the knecket). Co you take 49 these devices have an internet connection and all are susce Electory Doub Doubly prefects all these devices against visual	
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	City autors that allocate City a beauty real attenty angood	abore and thread at 24.8% at the process home setsored
	 Parks are the part for well read table, many band to be read of the part decays. 	Continue

Here you can see which security features are activated.

The Sitecom Cloud Security service offers the following protection options:

- Anti-Malware
- Anti-Phishing
- Protection against unsafe websites
- Advertisement blocking

With the protection of unsafe websites activated the Sitecom Cloud Security will always check if a website is safe. If it is not safe it will inform you that is not safe to enter.

	SHECOM
	Selecom Cloud Security
	Unsafe Host
- And - Anger - Comptas	This heat contains characteristics of an identified security risk. It may compromise your privacy and security, make dangerous changes to your system's asthings without your knowledge and consent, or serverely degrade your system's performance and stability. Exchanging senaltive or confidential information with this heat could also put you at risk for identity that and/or forancial head.
	Back to Safety Reconcented
	Tunderstand that this website may comprovise my present data, <u>present anyonig</u> . If this website metallic matchesis software only your system, please read <u>these instructions</u> about removing the software from your system.
	Contract of the State of the St

If you still wish to visit this webpage click on 'proceed anyway'. Alternatively click 'Back to Safety' so that your security will not be breached.

Configuring Sitecom Cloud Security

If you wish to change your security options or to extend your subscription at any time, open <u>http://www.sitecomcloudsecurity.com</u> from your web browser.

You will be asked for a username and password. These can be found on the backlabel on the bottom of your Sitecom router or modem.

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If the login succeeded you can click on 'Settings' to change your security options.



Or click 'License' to renew your subscription.

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Disabling Sitecom Cloud Security

If you wish to disable to Sitecom cloud security at any time, open the webpage of your Sitecom product and log in with the supplied credentials (these can be found on the back label on the bottom of your Sitecom device).

Wi-Fi Router

Go to Toolbox and select "Sitecom Cloud Security".



Click the "Disable" radio button and click 'Apply' for the settings to take effect.

Password

You can change the password required to log into the router's system web-based management. Passwords can contain o to 12 alphanumeric characters, and are case sensitive.

Wi-Fi R	oute	er							SITECOM
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Res	Passward 1								
Confirm	Password								
									Apply Cancal

- **Current Password**: Fill in the current password to allow changing to a new password.
- **New Password**: Enter your new password.
- **Confirmed Password**: Enter your new password again for verification purposes.

Time Zone

The Time Zone allows your router to base its time on the settings configured here, which will affect functions such as Log entries and Firewall settings.

Wi-Fi R	oute	er							SITECOM
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Dayi	utit Seving :	Tenable	From Janua	ey +UT	-)To Jaminy	-	4		
									Apply Cancel

- **Set Time Zone**: Select the time zone of the country you are currently in. The router will set its time based on your selection.
- Time Server Address: You can set an NTP server address.
- Enable Daylight Savings: The router can also take Daylight savings into account. If you wish to use this function, you must check/tick the enable boxto enable your daylight saving configuration (below).
- **Start Daylight Savings Time**: Select the period in which you wish to start daylight Savings Time.
- End Daylight Savings Time: Select the period in which you wish to end daylight Savings Time.

Remote Management

The remote management function allows you to designate a host in the Internet the ability to configure the Broadband router from a remote site. Enter the designated host IP Address in the Host IP Address field.

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The remote managem a nemote with, Drive P						mariagen	ercionte	etter a	cess to the router from	
	Host	Address				Port:			Enable	
					li	000			10	
									Approx Cancel	

- Host Address: This is the IP address of the host in the Internet that will have management/configuration access to the Broadband router from a remote site. If the Host Address is left o.o.o.o this means anyone can access the router's web-based configuration from a remote location, providing they know the password.
- **Port**: The port number of the remote management web interface.
- **Enabled**: Select "Enabled" to enable the remote management function.

Click **Apply** at the bottom of the screen to save the above configuration.

Firmware Upgrade

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	Etwo	•11							Andle

Enable automatic firmware update: When enabled the router will periodically check if a new firmware is available. If a new firmware is detected the router will give a notification.

Firmware Upgrade: This tool allows you to upgrade the Broadband router's system firmware. To upgrade the firmware of your Broadband router, you need to download the firmware file to your

local hard disk, and enter that file name and path in the appropriate field on this page. You can also use the Browse button to find the firmware file on your PC.

Once you've selected the new firmware file, click **Apply** at the bottom of the screen to start the upgrade process.

Backup Settings

The Backup screen allows you to save (Backup) the current configuration settings. When you save the configuration setting (Backup) you can re-load the saved configuration into the router through the Restore selection. If extreme problems occur you can use the Restore to Factory Defaults selection, this will set all configurations to its original default settings (e.g. when you first purchased the router).

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Use BACILIP to save t Alternatively, you can	he roubert our use RESTORE	ert configural to FACTORY D	ton tu a file e GFWLE.T to for	arried config.r	ff, You can us to realize the	e RESTORE factory de	ts restore fault settic	the save	el configuration.
Restore To Fech	ory Default 1	Reset							
Buck	up Settlings 1	Bave							
Reste	re Settings :			Determ.	Lipland				

Use the "Backup" tool to save the current configuration to a file named "config.bin" on your PC. You can then use the "Restore" tool to restore the saved configuration to the router. Alternatively, you can use the "Restore to Factory Defaults" tool to force the router to perform a power reset and restore the original factory settings.

Reset

You can reset the router's system should any problem exist. The reset function essentially re-boots your router's system.

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DDNS

DDNS allows you to map the static domain name to a dynamic IP address. You must get an account, password and your static domain name from the DDNS service providers. This router supports DynDNS, TZO and other common DDNS service providers.

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- Enable/Disable: Enable or disable the DDNS function of this router
- **Provider**: Select a DDNS service provider
- Domain name: Fill in your static domain name that uses DDNS
- Account/E-mail: The account that your DDNS service provider assigned to you
- Password/Key: The password you set for the DDNS service account above

Addendum A: USB Port Control Center

The netUSB functionality of your router requires additional software to work with your computer. The following section will describe how the software can be installed and used.

Windows

Insert the CD-ROM that was included with your router and select install utility from the cd-menu.

The software will inform you about what will be installed.



Click **Next** to continue the installation.

Customer Information Please enter your information.	-		
User Name:			-
Organization:			
NAME OF T			
stal5hield	10 A	Next >	2

Enter your username and organization if applicable and click **Next** to continue.

岗 Sitecom	USB Device Server - InstallShield Wizard	x
	tion Folder ext to install to this folder, or click Change to install to a different folder.	4
	Instal Sitecom USB Device Server to: C:'Program Files'(Sitecom'(USB Device Server)	farman a
InstaliShield	< Back Next > Cano	-

Choose a folder where the software should be installed or keep it to default and click **Next** to continue.

討 Sitecom USB Device Server - Installf	Shield Wizard			×
Ready to Install the Program The wizard is ready to begin installatio	n.			
Click Install to begin the installation.				
If you want to review or change any o exit the wizerd.	of your installat	ion settings, ck	k Back, Click Cancel	to
InstatSheld				
	< Back	Inst	al Canc	

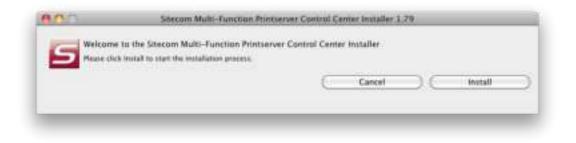
The software is now ready to be installed, Click Install to continue.



Once the installation is finished the software will inform you. If **"Launch Sitecom USB Device Server**" checked the software will automatically be launched after you clicked **Finish**.

MacOS

Insert the CD-ROM that was included with your router and select "Install" from the cd-menu.



Click Install to continue installation.

2	Function Printserver	to allow Sitecom Multi- Control Center Installer
مناح		
	Name:	
	Password:	
- Details		
2		Cancel OK

Enter your Mac username and password and click **OK** to continue.

5	Control Center installation was successfully completed! Reare dick Restart to frioh the software installation.		
		Careel) (Restart

Once the installation is finished the software will inform you and requires to restart the system.

Connect & Disconnect

"NetUSB" allows you to use USB printers when they're actually connected to the Sitecom USB server.

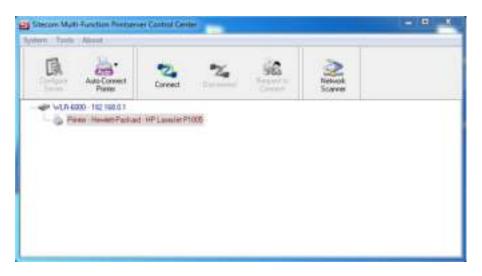
The "connect" operation is a software operation that simulates an actual USB device plug-in. Therefore, when you do a "connect" operation in the Control Center, the PC can detect a USB device's plug-in, although actually you do not plug in any USB device to your PC. Similarly, the "disconnect" operation is a software operation that simulates the disconnection of the USB device.

Note: If a USB device is "connected" by a PC, we say that PC has the ownership of the USB device. Only one PC can get the ownership of a USB device at the same time.

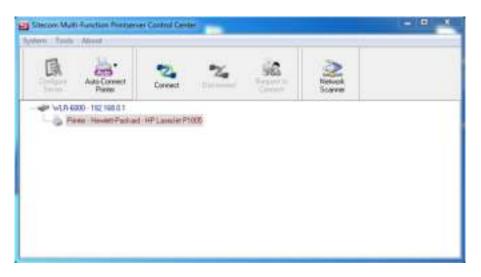
NetUSB installation

The steps to do installation for USB devices, like MFPs:

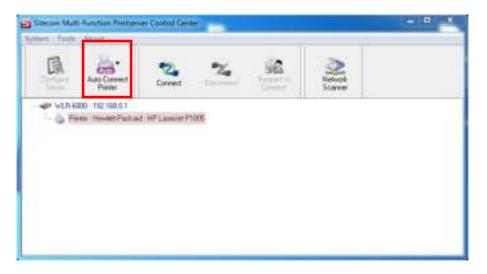
- Make sure the router is turned on.
- Connect the USB device to the USB port of the router.
- Run the Control Center. In the "USB MFP Server List" window, you can see the host names and IP addresses all of the Sitecom servers (in blue) on the network, as shown below.



• Click the server. Then all USB devices attached to the server will be shown.



- Please follow the user manual of the USB device to install its driver. For example, you may put the driver CD of the USB device in the CD-ROM player to install the driver.
- When you are asked to plug in the USB device into PC's USB port, click the desired USB device in the Control Center and then click the "Auto-Connect Printer" button to do the connect operation and get the ownership of the USB device. The computer name of the device owner will be shown at the end of the device.



• PC will automatically detect that the USB device is plugged-in. On the right side of the Windows Task Bar, you can see the information of the new device. Continue to follow the user manual of the USB device to do the rest jobs of installation, until the driver installation has finished.

After the installation, you can see the newly created devices on the PC. If the USB device is a MFP, you can see a new printer and a new scanner from the "Control Panel".

NetUSB Printing using Auto-Connect Printer

After the driver is installed, you can see a newly created printer in the Control Panel. Follow the steps below to perform NetUSB printing.

- In the Control Center, click the MFP server that has the desired printer (or MFP) attached.
- Click the desired printer (or MFP).
- Click the "Auto Connect Printer" button and choose "Set Auto-Connect Printer". The following figure will appear.

SAdd to Auto-Connect Printer List	
< Installed Printer List >	
Panter Name	
Fax To Lanslet 3390 PCL 6	
Image: A state of the state	
Apply	Cancel
	- Constanting of the local division of the l

• Choose the desired printer. The desired printer must be the Windows printer (this is a logical printer) that matches the printer attached on the MFP server (this is a physical printer). Then click the "**Apply**" button.

Service IP & Frintes Name	Windows Printer Name
92.168.0.107 - Hanviett Packard hp Lannivi 2380	Ap Lacester 3380 PCL 6

- Then, the printer will be marked as an "Auto-Connected Printer" in red. If you choose "Auto-Connected Printer List" in the "Tools" menu, you can see a newly created item that describes the association between the Windows printer and the physical printer on the server.
- Then try to issue a print job to the desired printer. You will see the Control Center will automatically do a connect operation and, once the print job finished, it will hold the connection. However, the connection will be released immediately when another user do the printing afterward. At the same time, the printer is automatically disconnected with your PC.

• When you do a print job again. The control center will automatically do a connecting operation on printing again. This is so-called "Auto Connect / Disconnect" operation.

Note: Under the "Auto-Connected Printer" setting, it is not necessary to manually press the "**Connect**" button when printing. If you press the "Connect" button for printing, please make sure to click "**Disconnect**" button after you finish the printing. Otherwise, other users cannot print properly. It is because you are the only ownership of the connected printer.

AutoRun

You can make the Control Center be run automatically after you login Windows. To do this, you choose the "Configuration" item in the "Tools" menu. The following window will appear. Click the check box and then on the "OK" button. This feature is enabled by default.

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	eof Connect	-	Gargaret In: Careers	Newok Stave	

Basic settings		1
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and an	a while rogging on who	vere.
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NetUSB Scanning using Network Scanning

- In the Control Center, click the MFP server that has the desired MFP attached.
- Click the desired MFP.
- Click the "Network Scanner" button.

• Then you can see that the Control Center will automatically do a "connect" operation. The following window will appear.

elcome to the Auto-Connect Scanner 💦 🔀	
Select a device :	
OK Cancel	
	o LaserJet 3380 TWAIN /IA-hp LaserJet 3380

• Choose one of TWAIN or WIA item. Click "OK". The following window will appear.

Welcome to the Auto-Connect Scanner		- 68
TWAIN	0 of 0	
5 Picture Name and Destination		
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JPG (JPEG Issgel H		
3 Choose a place to save this group of pictures		
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• Follow the usual steps to do scanning.

Addendum B: Declaration of Conformity

Sitecom Europe BV

EC Declaration of Conformity



We Sitecom Europe BV Linatebaan 101 3045 AH Rotterdam The Netherlands

Hereby declare under our sole responsibility that the Sitecom product:

Product number: WLR-7100 v1 001 Product description: Wi-Fi Router AC1200 X7

To which this declaration relates is in conformity with the requirements of the following standards:

CE/LVD - EN 60950-1:

2006+A11 (2009)

CE/EMC

EN 301 489-1 V1.8.1
 EN 301 489-17 V2.1.1

EN 301 405*17 ¥2.1.

RA	DIO SPECTRUM
	EN 300 328 V1.7.1
	EN 50385

EN 301 893 V1.5.1.

2006-10 2002

This certifies that the following designated Sitecom product:

Product description: Wi-Fi Router AC1200 X7 Product No.: WLR-7100 v1 001

Complies with the requirements of the following directives and carries the CE marking accordingly: R&TTE Directive 99/5/EC, EMC directive 2004/95/EC and Low Voltage Directive 2006/95/EC. This declaration is the responsibility of the manufacturer / importer:

Sitecom Europe B.V. Rotterdam, 25 April 2013

M. Bergwerff,

Harry H.

Chief Operations Officer



UK CE COMPLIANCE

Hereby Stacom Europe BV declares that this product is in accordance with essential requirements and other relevant terms of the European regulation 1999/5/EC.

CONFORMITE CE

FR Par la présente Sitecom Europe BV, déclare que l'appareil est conforme aux axigances essentielles et aux dispositions pertinentes de la Directive Européenne 1990/S/EC.

CE-CONFORMITÄT

DE Hiermit erklärt Sitecom Europe BV, dass dieses Produkt die erforderlichen Voraussetzungen und andere relevante Konditionen der europäischen Richtlinie 1999/5/EC erfüllt.

CONFORMITA ALLE NORME CE

IT Con la presente Sitecom Europe BV dichiara che questo prodotto è conforme al requisiti essenziali e agli altri termini rilevanti della Direttiva Europee 1999/S/EC.

CE GOEDKEURING

NL Hierbij verklaart Sitecom Europe BV dat citt product in overeenstemming is met de essentiëlie eisen en andere relevante bepalingen van Europese Richtlijn 1999/5/EC.

CONFORMIDAD CON LA CE

ES Por la presente Sitecom Europe BV declara que este producto cumple con los incjuisitos esenciales y las otras provisiones relevantes de la Directiva Europea 1999/5/EC.

CONFORMIDADE CE

PT Pela presente a Sitecom Europe BV declara que este produto está em conformidade com os requisitos essenciais e outras condições relevantes da regulamentação Europeia 1999/S/EC.

SE CE-FÖRSÄKRAN

Härmed försäkrar Sitecom Europe BV att denna produkt uppfyller de nödvändiga kraven och andra relevanta villkor EU-direktivet 1999/5/EC.

DK OVERENSSTEMMELSESERKLÆRING Stecom Europe BV bekræfter harmed, at dette produkt er i overensstemmelse med væsentlige krav og andre betingelser i henhold til Rådets direktiv 1999/S/EC.

NO CE-OVERENSSTEMMELSE

Sitecom Europe BV erklærer herved at dette produktet er i overensstemmelse med de ægjørende kravene og andre relevante vilkår i den europeiske forskriften 1999/5/EC.

FI CE-HYVÄKSYNTÄ

Täten Sitecom Europe BV ilmoittaa, että tämä tuote on yhdenmukainen direktiivin 1999/S/EC olennaisten vaatimusten ja muklen asiaankuukuvien sopimusehtojen kanssa.

RU соответствие требованиям се

Настоящим конпания Sitecom Europa BV заявляет, что ее продукция соответствует основным требованиям и условиям Европейской Директивы 1999/5/ЕС.

PL CERTYFIKAT ZGODNOŚCI CE

Sitecom Europe BV niniejszym odwiadcza, że ten produkt spełnia wszelkie niezbądne wymogi, a także inne istotne warunki dyrektywy europejskiej 1999//S/WE.

GR ΣΥΜΜΟΡΦΩΣΗ ΜΕ CE

Η Sitecom Europe BV δηλώνει, διά του παράντος, ότι αυτό το προϊόν συμμορφώνεται με τις ουσιώδεις αποιτήσεις και τους λοιπούς όρους του ευρωπαϊκού κανονισμού 1999/5/EC.

