

# SBG3300-N Series

## Quick Start Guide

*Wireless N VDSL2 Combo WAN  
Small Business Security Gateway*

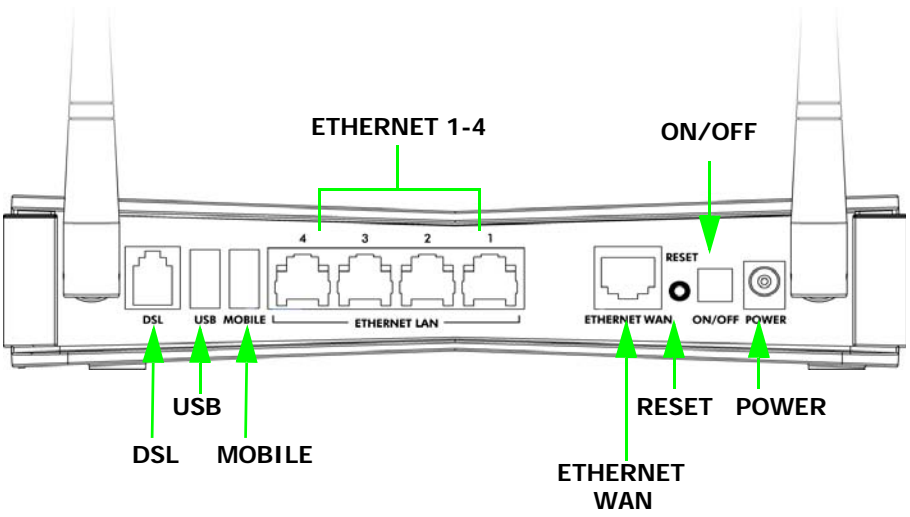
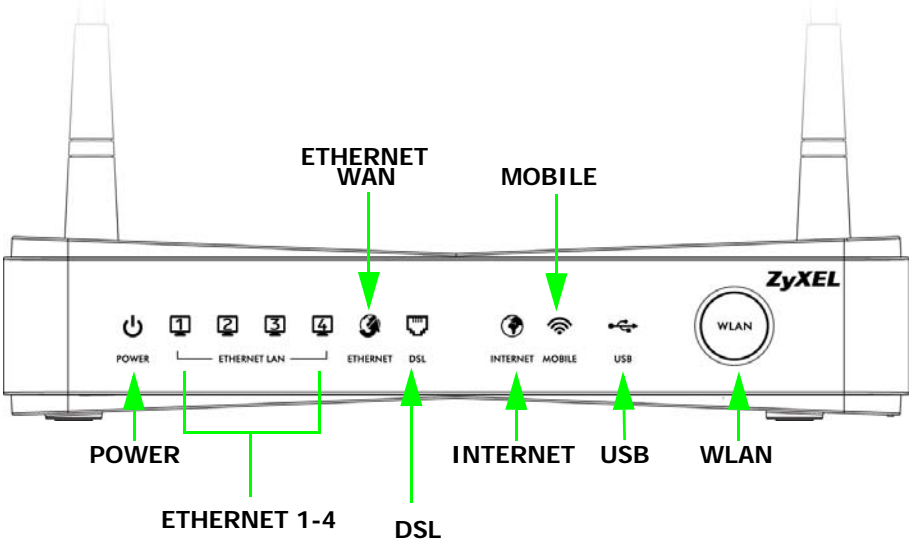
Firmware Version 1.00  
Edition 1, 3/2013

### DEFAULT LOGIN DETAILS

IP Address:	http://192.168.1.1
User Name:	admin
Password:	1234

The logo for ZyXEL, featuring the brand name in a bold, blue, sans-serif font.

# Device Panels



## Requirements

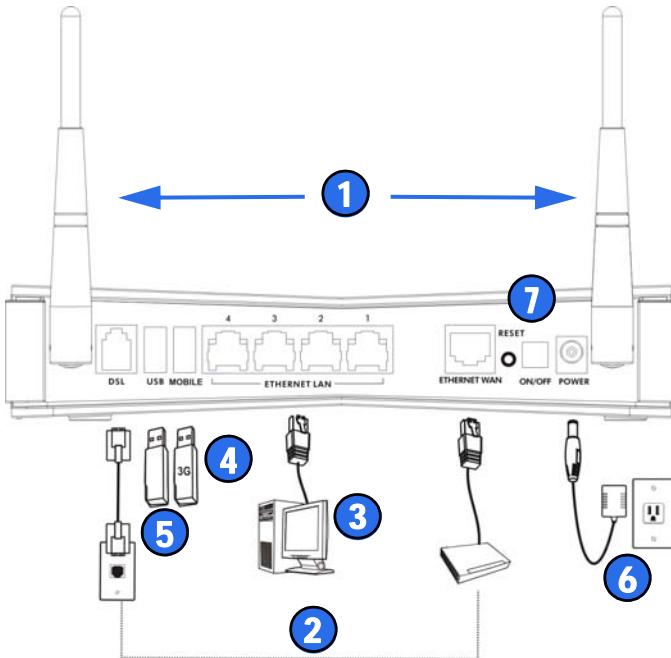
Make sure you have the following things before you start:

- **INTERNET ACCESS:** You need an Internet account with an ISP (Internet Service Provider) and information such as your user name, password, and so on.
- **WEB BROWSER:** Internet Explorer 6.0 and later versions, with JavaScript enabled, or Mozilla Firefox 3 and later versions, or Safari 2.0 and later versions. The browser will be used to access the Internet and/or access the Device's Web Configurator.

## Hardware Setup

*Remove the Device's clear plastic covers before using it.*

To connect your Device:



1. Attach the antennas and point them up.
2. Do one of the following for your Internet connection:
  - a. **DSL**: Use a telephone cable to connect your Device's **DSL** port to a telephone jack (or the DSL or modem jack on a splitter if you have one).
  - b. **ETHERNET WAN**: If you already have a broadband router or modem, use an Ethernet cable to connect the **ETHERNET WAN** port to it for Internet access.
3. **ETHERNET**: Use an Ethernet cable to connect a computer to an Ethernet port for initial configuration and/or Internet access.
4. **USB**: Connect a USB (version 2.0 or lower) memory stick or a USB hard drive for file sharing. The Device automatically detects the USB device.
5. **MOBILE**: Insert a 3G adapter to access the Internet wirelessly via a 3G network. The Device uses this 3G WAN connection as a backup when the DSL/Ethernet WAN connection fails.
6. **POWER**: Use the provided power adaptor to connect the **POWER** socket to an appropriate power source. Make sure the power at the outlet is on. After connecting the power adaptor, look at the lights on the front panel.
  - The **POWER** light blinks while your Device starts up and then stays on once it is ready.
  - Each **LAN** light stays on if the corresponding **Ethernet** port is properly connected and blinks when there is traffic.
  - The **ETHERNET WAN** light stays on if the **ETHERNET WAN** port is properly connected and blinks when there is traffic.
  - The **USB** light turns on when your Device detects a connected USB device and blinks when there is traffic.
  - The **MOBILE** light turns on when your Device detects a connected 3G adapter and blinks when there is traffic.

- The **DSL** light is green when your Device has an ADSL connection. It is orange when you have a VDSL connection.
- The **WLAN** light flashes green when WLAN is activated and orange while WPS is in process. It stays on green when the wireless LAN is ready and blinks when there is traffic.
- The **INTERNET** light turns on when the gateway is able to access the Internet and will blink when your Device is sending or receiving data.

If the lights do not come on, check your connections and inspect your cables for damage. If the lights are still off, contact technical support.

## Set Up a Wireless Network

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You can set up a wireless network manually:

The wireless LAN on your Device is enabled by default. To add a wireless client to the network, use the settings found on the side panel of your Device, which will look similar to the following example:

<p><b>SSID: ZyXEL00561</b> <b>Security Mode: WPA2-PSK</b> <b>Pre-Shared Key: FB373BD356</b></p>
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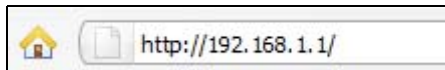
Configure wireless devices that you want to connect to the wireless network to use the same wireless settings as the Device.

***The default wireless settings vary for each Device. Refer to the rear panel of your device and use the provided information.***

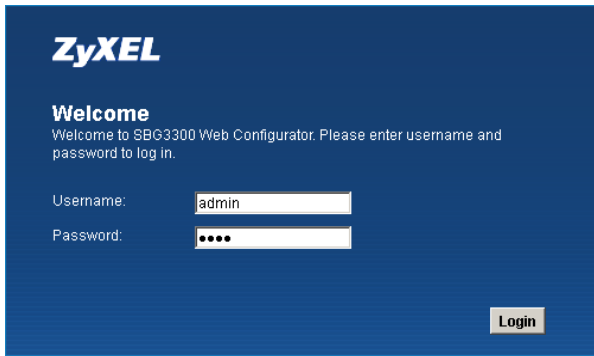
# The Web Configurator

The Web Configurator is a web browser tool that allows you to configure the Device. The computer and the Device need to be in the same IP address range to use this tool.

1. Open your browser and enter **http://192.168.1.1** (the Device's default IP address) as the address.



2. Enter the default user name **admin** and password **1234**. Click **Login**.



If the login screen does not open, make sure you allow web browser pop-up windows, JavaScript and Java permissions. Your computer should be also set to get an IP address automatically from a DHCP server. See the appendices in your User's Guide for more information.

3. In the next screen, you can change the login password. This is recommended. Enter your new password in the **New Password** field. Re-type your new password in the second field and then click **Apply**. If you prefer not to change the password, leave the two fields blank and click **Skip**.



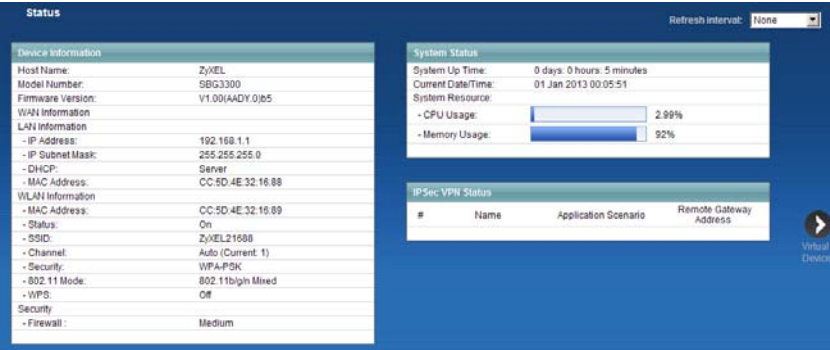
**ZyXEL**

**Change password**  
It is highly recommended to setup a new password instead of using the default one for security concern. The password must contain 6 to 256 characters, include 0-9 and a-z.

**New Password:**

**Verify New Password :**

4. The **Status** screen displays, where you can view the Device's device, interface, and system information.



**Status** Refresh interval: None

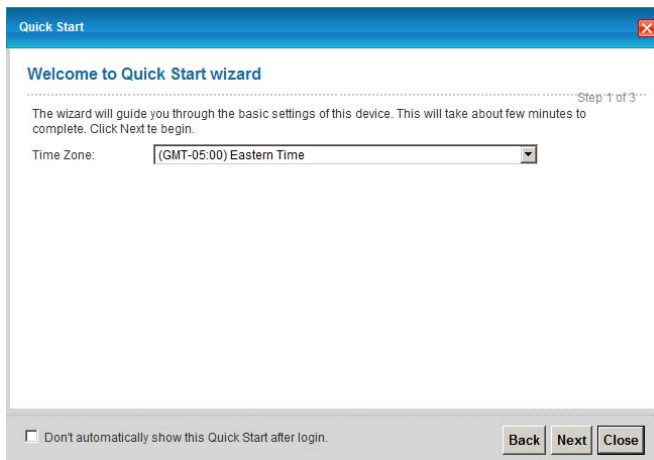
Device Information	
Host Name:	ZyXEL
Model Number:	SBG3300
Firmware Version:	V1.00(AADY.0)B5
WAN Information	
LAN Information	
- IP Address:	192.168.1.1
- IP Subnet Mask:	255.255.255.0
- DHCP:	Server
- MAC Address:	CC:5D:4E:32:16:88
WLAN Information	
- MAC Address:	CC:5D:4E:32:16:09
- Status:	On
- SSID:	ZyXEL21688
- Channel:	Auto (Current: 1)
- Security:	WPA-PSK
- 802.11 Mode:	802.11b/g/n Mixed
- WPS:	Off
Security	
- Firewall:	Medium

System Status	
System Up Time:	0 days: 0 hours: 5 minutes
Current Date/Time:	01 Jan 2013 00:05:51
System Resource	
- CPU Usage:	2.99%
- Memory Usage:	92%

IPSec VPN Status			
#	Name	Application Scenario	Remote Gateway Address

Virtual Device

5. Click the **Quick Start Wizard** icon on the upper right corner of the screen. Follow the directions to configure the Device's time zone, Internet access, and wireless settings.










See your User's Guide for how to use the rest of the Web Configurator screens. You will need to refer to the section on how to setup the **Broadband** connection if the **INTERNET** LED (light) remains off.

#### **Procedure to View a Product's Certification(s)**

1. Go to [www.zyxel.com](http://www.zyxel.com).
2. Select your product from the drop-down list box on the ZYXEL home page to go to that product's page.
3. Select the certification you wish to view from this page.



ENGLISH	DEUTSCH	ESPAÑOL	FRANÇAIS
<p><b>Green Product Declaration</b></p> <p>RoHS Directive 2011/65/EU</p>  <p>WEEE Directive 2002/96/EC (WEEE: Waste Electrical and Electronic Equipment) 2003/108/EC</p> <p>Declaration Signature: <i>Thomas Wei</i> Name/Title: Thomas Wei / Quality Management Department/ Senior Director Date (yyyy/mm/dd): 2012/07/09</p>	<p><b>Grünes Produkt Erklärung</b></p> <p>RoHS Richtlinie 2011/65/EU</p>  <p>ElektroG Richtlinie 2002/96/EG (WEEE: Über-Elektro- und Elektronik-Altgeräte) 2003/108/EC</p> <p>Unterschrift des Erklärenden: <i>Thomas Wei</i> Name/Title: Thomas Wei / Quality Management Department/ Senior Director Date (yyyy/mm/dd): 2012/07/09</p>	<p><b>Declaración de Producto Ecológico</b></p> <p>Directiva RoHS 2011/65/UE</p>  <p>Directiva RAEE 2002/96/CE (RAEE: Residuos de Aparatos Eléctricos y Electrónicos) 2003/108/CE</p> <p>Firma de declaración: <i>Thomas Wei</i> Nombre/Título: Thomas Wei / Quality Management Departamento/ Senior Director Fecha (aaaa/mm/dd): 2012/07/09</p>	<p><b>Déclaration de Produit Vert</b></p> <p>Directive RoHS 2011/65/UE</p>  <p>Directive DEEE 2002/96/CE (DEEE: déchets d'équipements électriques et électroniques) 2003/108/CE</p> <p>Signature de la déclaration: <i>Thomas Wei</i> Nom/Titre: Thomas Wei / Quality Management Département/ Senior Director Date (aaaa/mm/jj): 2012/07/09</p>
<p><b>Prodotto dichiarazione di verde</b></p> <p>Directiva RoHS 2011/65/UE</p>  <p>Directiva RAEE 2002/96/CE (RAEE: Rifiuti di Apparecchiature Elettriche ed Elettroniche) 2003/108/CE</p> <p>Firma dichiarazione: <i>Thomas Wei</i> Nome/Titolo: Thomas Wei / Quality Management Dipartimento/ Senior Director Data (aaaa/mm/gg): 2012/07/09</p>	<p><b>Productmilieuverklaring</b></p> <p>RoHS Richtlijn 2011/65/EU</p>  <p>AEEA-Richtlijn 2002/96/EG (AEEA: Afgedankte Elektrische en Elektronische apparatuur) 2003/108/EG</p> <p>Verklaringshandtekening: <i>Thomas Wei</i> Naam/Titel: Thomas Wei / Quality Management Department/ Senior Director Datum (jj/mm/dd): 2012/07/09</p>	<p><b>Miljødeklaration</b></p> <p>RoHS Direktiv 2011/65/EU</p>  <p>WEEE Direktiv 2002/96/EG (WEEE: om avfall som uljøns av eller inneholder elektriska eller elektroniska produkter) 2003/108/EG</p> <p>Deklaration underreklam av: <i>Thomas Wei</i> Namn/Titel: Thomas Wei / Quality Management Department/ Senior Director Datum (aaaa/mm/dd): 2012/07/09</p>	<p><b>SVENSKA</b></p>

## Declaration of Conformity

### Product information

Product Name : Wireless N VDSL2 Combo WAN Small Business Security Gateway  
 Model Number : SBG3300-N000

### Produced by

Company Name : ZyXEL Communications Corporation  
 Company Add. : No. 2, Gongye E. 9th Rd., East Dist., Hsinchu City 300, Taiwan

to which this declaration relates, is in conformity with the following standards or other normative documents:

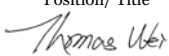
EMC:	Safety :
EN 55022: 2010	EN 60950-1:2006+A11:2009+A1:
EN 61000-3-2: 2006+A2: 2009	2010+A12:2011
EN 61000-3-3: 2008	
EN 55024: 2010	RoHS 2.0 :EN 50581
EN 300 328 V1.7.1(2006-10)	
EN 301 489-1 V1.9.2(2011-09)	ErP:
EN 301 489-17 V2.1.1(2009-05)	EN 50564 ( IEC 62301 Modified )
EN 62311(2008)	

The Product herewith complies with requirements of the following Directive :  
 The Low Voltage Directive 2006/95/EC , The EMC Directive 2004/108/EC,  
 The R& TTE Directive 1999/5/EC, The ErP Directive 2009/125/EC,  
 The RoHS Directive 2011/65/EU and carries the CE Marking accordingly.

The TCF-File is located at:  
 Local contact for regulatory topics only :

Company Name : ZyXEL Communications Corporation  
 Company Address : Hsinchu Office : No. 2, Gongye E. 9th Rd., East Dist., Hsinchu City 300, Taiwan  
: No. 6, Innovation Road II, Science-Park, Hsin-Chu, 300, Taiwan  
TAIPEI Office : 11F., NO.223, SEC. 3, BEIXIN RD., INDIAN DIST., NEW  
TAIPEI CITY 23143, TAIWAN (R.O.C.)

Person is responsible for marking this declaration:

Thomas Wei	Senior Manager Quality Management Department
_____	_____
Name (Full Name)	Position/ Title
_____	
2012-10-23	_____



