



Installing the Access 211N VoIP Gateway



Access 211N Gateway Rear Panel

Important Safety Instructions :



When using the Access 211N Gateway and the attached telephone set, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

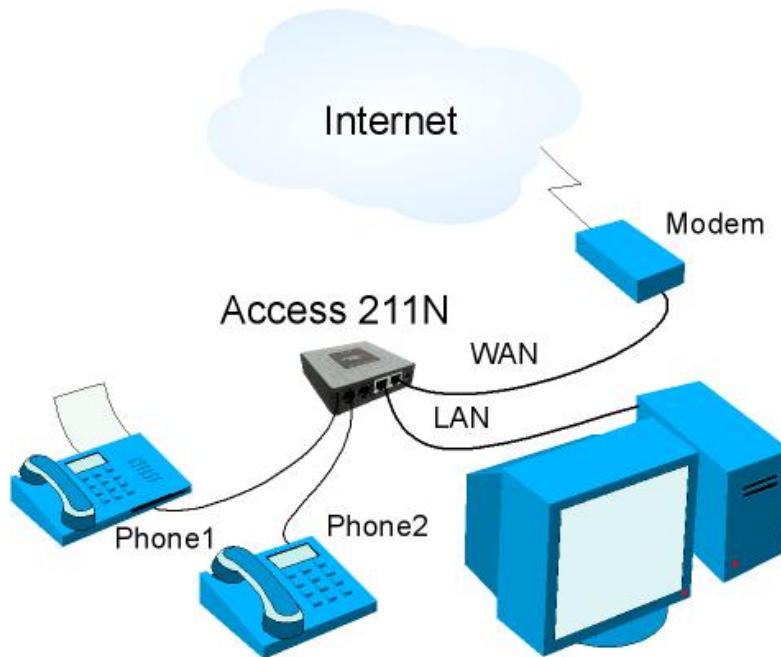
1. Do not use this equipment near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using the equipment during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the attached telephone to report a gas leak in the vicinity of the leak.
4. Do not cover the unit or block ventilation inlets.



The Access 211N Gateway must be powered by an external UL listed limited power source or Class II power source (AC/DC adapter), rated input: 100 -240 V, 47-63Hz, 0.5A, output: 5VDC @ 2A.

The phone ports (PH1 and PH2) are intended for indoor connections only and must not be connected to the Public Telecommunication Network.

To install your Access 211N VoIP Gateway with a single PC:



1. Unpack the Access 211N Gateway unit.
Place the Gateway on a desktop or other level surface, or mount it on a wall. Choose a location that is near the devices to be connected and close to an electrical outlet.
2. Connect the WAN port on the Gateway's rear panel to the Ethernet socket on your broadband modem with the Ethernet 10/100BaseTX (RJ-45) cable that was provided with your modem.
3. Optionally connect the LAN port on the Gateway's rear panel to the network socket on your PC with an Ethernet 10/100BaseTX (RJ-45) cable.
4. Connect the phones to the PH1 and PH2 ports on the Gateway rear panel with RJ-11 Phone cables (if your provider enables only one phone line, connect the phone to the PH1 port).
5. Verify that all system components are properly installed. Make sure that all cable connectors are securely positioned in the appropriate ports.
6. Connect the power adapter to the power connector of the unit and to the power source.
7. Check that the **Power** LED on the Gateway front panel glows steadily.
8. Turn on your PC.
- 9a. If you are using a DSL modem, you will need to enable PPPoE on the Gateway and disable PPPoE on your PC. To enable PPPoE on the Gateway:
 - 1) Open the web browser and put the IP of the gateway in the address field (the factory default IP address of the LAN interface is 192.168.100.1).
 - 2) In the vertical menu bar on the left of the Gateway Web page, select **WAN**. The **WAN Status** page appears.
 - 3) In the horizontal menu bar of the **WAN** page, select **PPPoE**. The **WAN PPPoE Configuration** page appears.
 - 4) Select **Yes** in the **Enable PPPoE** drop-down list box.
 - 5) Fill in the username and password in the **Authentication** fields as supplied by your DSL provider. Optionally you can enter the service name for the requested service.

To select a specific provider, enter his access name in the AC name field.

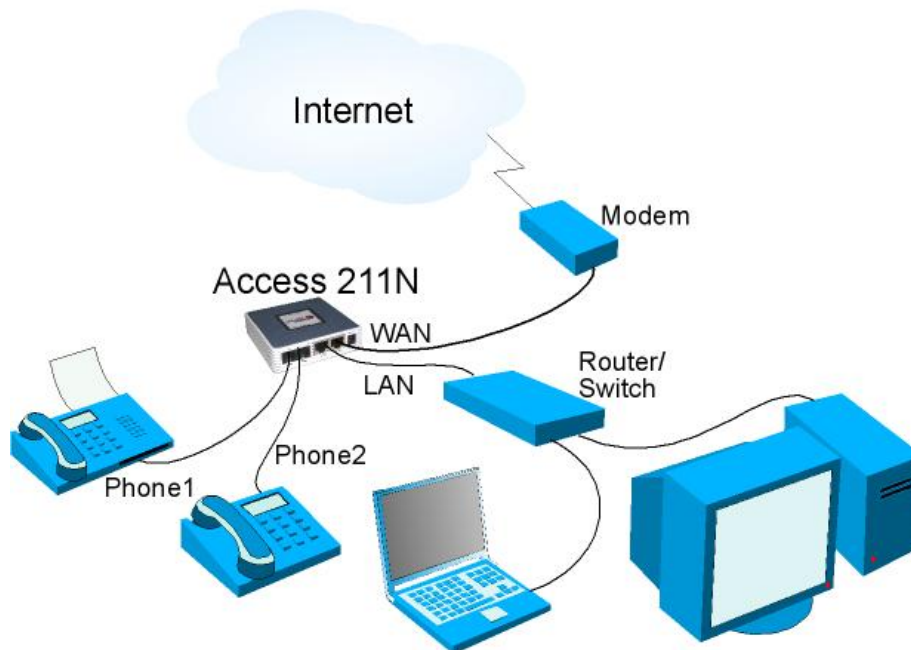
- 6) Click **Save PPPoE Settings**.
- 7) After entering and saving all configurations, you must reset the Gateway. In the vertical menu bar of the current page, select **Reset**. The **Reset** page appears.
- 8) Select **Power on reset** and click the Reset button. The Gateway power cycles and the application home page opens with the new configuration settings.

For more information see section “*Enabling Point-to-Point Protocol over Ethernet (PPPoE)*” in the *Access 211N VoIP Gateway (AC-211N) User Guide*.

- 9b. If you are using a cable modem, note that some cable modems need to be power cycled after being connected to the Gateway. For such modems you can also power cycle the Access 211N Gateway for faster connection.
10. Wait for the respective **Phone** (Voice) LED (Phone1 for PH1 port/Phone2 for PH2 port) on the front if the gateway to glow, indicating you are connected to your VoIP service providers. It may take a minute or two for these connections to be established.
11. Verify that you have Internet access.
12. Pick up the phone on each line to verify that you can hear the dial tone.

Once the installation is complete, you can use your Access 211N Gateway for telephone calls and for the Internet, assuming that you have a connection supplied by your VoIP provider.

To install your Access 211N VoIP Gateway with a home network:



1. Unpack the Access 211N Gateway unit.
Place the Gateway on a desktop or other level surface, or mount it on a wall. Choose a location that is near the devices to be connected and close to an electrical outlet.
2. Connect the WAN port on the Gateway's rear panel to the Ethernet socket on your broadband modem with the Ethernet 10/100BaseTX (RJ-45) cable that was provided with your modem.
3. Connect the LAN port on the Gateway's rear panel to an open Ethernet WAN port on your router/switch with a supplied Ethernet 10/100BaseTX (RJ-45) cable, in accordance

with the instructions provided with your router/switch.

4. Connect the phones to the PH1 and PH2 ports on the Gateway rear panel with RJ-11 Phone cables (if your provider enables only one phone line, connect the phone to the Phone1 port).
5. Verify that all system components are properly installed. Make sure that all cable connectors are securely positioned in the appropriate ports.
6. Connect the power adapter to the power connector of the unit and to the power source.
7. Check that the **Power** LED on the Gateway front panel glows steadily.
- 8a. If you are using a DSL modem, you will need to enable PPPoE on the Gateway and disable PPPoE on your router. To enable PPPoE on the Gateway see [step 9a](#) in the above instructions for installing your Access 211N VoIP Gateway with a *single PC*.
- 8b. If you are using a cable modem, note that some cable modems need to be power cycled after being connected to the Gateway. For such modems you can also power cycle the Access 211N Gateway for faster connection.
9. Wait for the respective Phone (**Voice**) LED (Phone1 for PH1 port/Phone2 for PH2 port) on the Gateway front panel to glow, indicating connection to your Internet and VoIP providers. It may take a minute or two for these connections to be established.
10. Reset your router and verify that your broadband modem and your router are working. Verify that you have Internet access.
11. Pick up the phone on each line to verify that you can hear the dial tone. If no dial tone is heard, refer to the *Access 211N VoIP Gateway (AC-211N) User Guide*.

Once the installation is complete, you can use your Access 211N Gateway for telephone calls and for the Internet, assuming that you have a connection supplied by your VoIP provider.

If any problems are experienced during the installation of the unit, please contact your local vendor.