



# **ALL-BM210VDSL2SV**

ADSL/VDSL2 Modem with Vectoring and SuperVectoring



## **Quick Installation Guide**

Default IP: 192.168.1.1

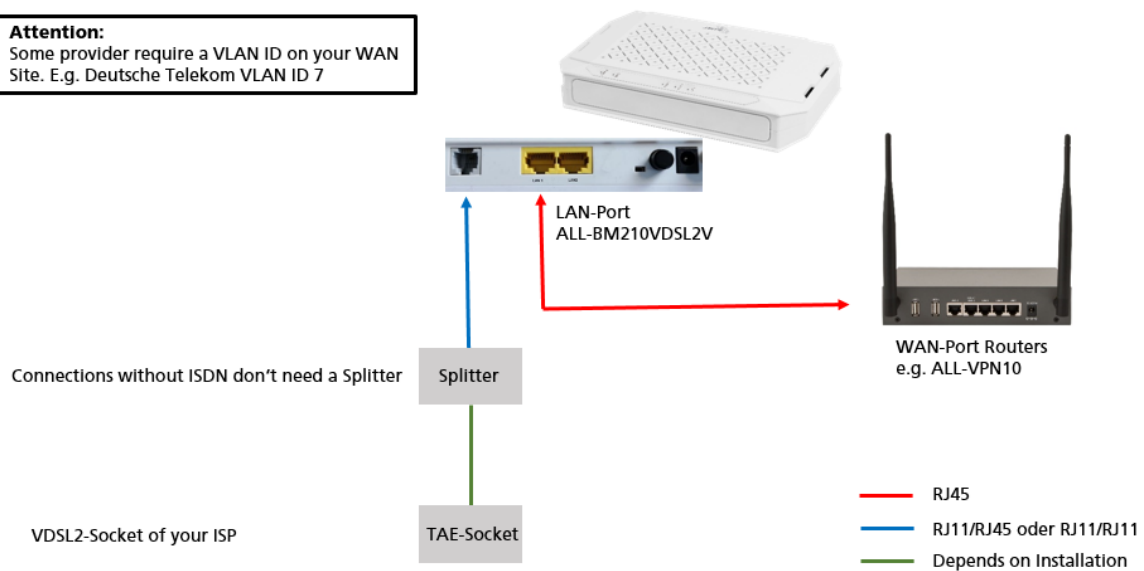
User: admin

Password: admin

## ADSL/VDSL2 Installation

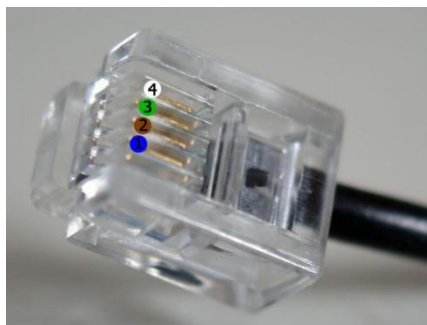
**Attention:**

Some provider require a VLAN ID on your WAN Site. E.g. Deutsche Telekom VLAN ID 7



## Pin assignment:

Please use PIN 2 and 3 for the DSL cable signal at the RJ11 connector.



# LED indicators

LED	Color	Function
Power	Green	On: Power on Off: No power
DSL	Green	On: DSL link established and active Quick blinking: DSL is trying to establish a connection Slow blinking: No DSL link
LAN1 & LAN2	Green	On: LAN link established and active via LAN port Blinking: DSL data activity occurs Off: No LAN link via LAN port
INET	Green	On: IP connected Blinking: IP connected and IP traffic is passing through the device Off: Modem power off or DSL connection not present

## Reset to Factory Defaults

Should you forget your login data or the IP address of your ALL-BM210VDSL2SV, you can reset your device to factory defaults. For that, press the Reset-Button on the back of the device for about 10 seconds. The device will reboot with the factory defaults loaded.

# VDSL Configuration

Here you can see an example for a VDSL2 connection of Deutsche Telekom:

Internet Configuration

**ISP Parameters for Internet Access**

Please verify the following settings with your Internet Service Provider (ISP). Your ISP may have given you a welcome letter or network setup letter including this information.

**WAN Connection Type:**  
Select the WAN Connection Type used by your ISP. ADSL will use ATM mode, VDSL will use PTM mode. VDSL ▾

**WAN service type:**  
Select the WAN service type used by your ISP. Bridge ▾

**Enable VLAN**

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.  
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.  
Enter 802.1P Priority [0-7]: 7  
Enter 802.1Q VLAN ID [0-4094]: 7

<Back Next > Exit

Please note, that the VLAN-ID used here can be different from the one used in your installation. Please contact your provider for the exact details. Then press "Next".

CONGRATULATIONS

The Internet/Wireless Setup configuration is complete. Here are your current settings.

**Internet Settings**

<b>WAN Connection Type:</b>	VDSL
<b>WAN Mode:</b>	Bridge
<b>Vlan8021p:</b>	7
<b>VlanMuxId:</b>	7

Press "Apply/Save" button to finish this wizard configuration , or give up the config and click the following link to open other pages.

[Go to Advanced Setup Page](#)

<Back Apply/Save

Here you see a summary of your configuration. When you have checked the entered parameters, please press "Apply/Save."

# ADSL Configuration

Here you can see an example for an ADSL2 connection of Deutsche Telekom:

Internet Configuration

**ISP Parameters for Internet Access**

Please verify the following settings with your Internet Service Provider (ISP). Your ISP may have given you a welcome letter or network setup letter including this information.

**WAN Connection Type:** ADSL ▾  
Select the WAN Connection Type used by your ISP. ADSL will use ATM mode, VDSL will use PTM mode.

**WAN Mode:** Bridge ▾  
Select the WAN Mode for your internet connection as specified by your Internet Service Provider(ISP).

**Virtual Circuit ID**

**VPI: [0-255]** 1  
**VCI: [32-65535]** 32  
Select the VPI (Virtual Path Identifier) and VCI (Virtual Channel Identifier) used by your ISP.

**Enable VLAN**

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.  
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.  
**Enter 802.1P Priority [0-7]:** 7  
**Enter 802.1Q VLAN ID [0-4094]:** 7

Please note, that the VPI, VCI and VLAN-ID used here can be different from the one used in your installation. Please contact your provider for the exact details. Some connections don't need a VLAN-ID. If you use one of those connections, remove the checkmark from "Enable VLAN". Then press "Next".

CONGRATULATIONS

The Internet/Wireless Setup configuration is complete. Here are your current settings.

**Internet Settings**

<b>WAN Connection Type:</b>	ADSL
<b>WAN Mode:</b>	Bridge
<b>VPI / VCI:</b>	1 / 32
<b>Vlan8021p:</b>	7
<b>VlanMuxId:</b>	7

Press "Apply/Save" button to finish this wizard configuration , or give up the config and click the following link to open other pages.

[Go to Advanced Setup Page](#)

Here you see a summary of your configuration. When you have checked the entered parameters, please press "Apply/Save."

This Modem is only compatible to Annex B while on ADSL Mode and it is possible, that it can't be operated outside Germany.

For further help, please visit our service site <http://service.allnet.de>

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For your safety, be sure to read and follow all warning notices and instructions.

- Do not open the device. Opening or removing the device cover can expose you to dangerous high voltage points or other risks. Only qualified service personnel can service the device. Please contact your vendor for further information.
- Do not use your device during a thunderstorm. There may be a risk of electric shock brought about by lightning.
- Do not expose your device to dust or corrosive liquids.
- Do not use this product near water sources.
- Make sure to connect the cables to the correct ports.
- Do not obstruct the ventilation slots on the device.

ALLNET GmbH Computersysteme declares that the device **ALL-BM210VDSL2SV** is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU. The Declaration of conformity can be found under this link:  
<http://ce.allnet.de>

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