

ALL500VDSL2 als DSL-Modem konfigurieren

Diese Anleitung beschreibt die einfache Konfiguration des ALL500VDSL2 als reines Modem.

Als Ausgangszustand ist das ALL500VDSL2 im Werkszustand.

Zur Konfiguration den PC auf eine Adresse im Bereich **192.168.1.2 bis 192.168.1.254** einstellen und mit einem LAN-Kabel direkt an einen der 4 LAN-Anschlüsse des ALL500VDSL2 anschließen.

MS Internet-Explorer öffnen (Firefox aktualisiert die Seiten manchmal nicht korrekt) und das Setup starten:

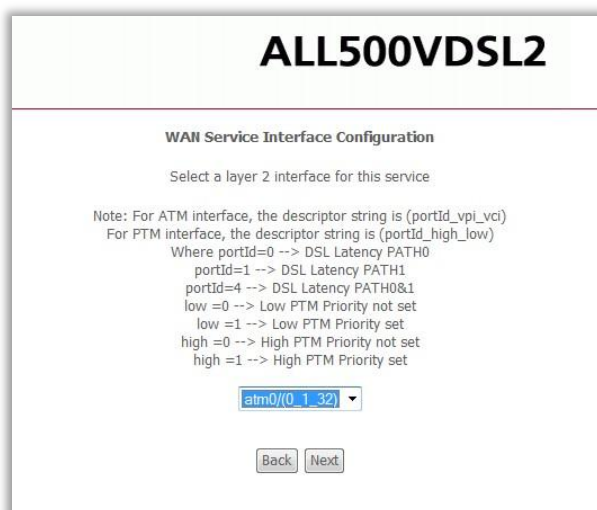
IP: **192.168.1.1**

User: **admin** Passwort: **admin**

Menüpunkt "AdvancedSetup – WAN Service" auswählen.



Eventuelle Einträge löschen und danach auf „Add“ klicken.



Interface atm0/(0_1_32) für ADSL-Verbindung auswählen und „Next“ klicken.

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The screenshot shows the 'WAN Service Configuration' page of the ALLNET ALL500VDSL2 configuration interface. On the left is a sidebar menu with options: Device Info, Setup Wizard, Advanced Setup, Layer2 Interface, WAN Service (selected), LAN, NAT, Security, Parental Control, Quality of Service, Routing, DNS, DSL, UPnP, DNS Proxy, and Interface Grouping. The main content area is titled 'WAN Service Configuration'. It asks to 'Select WAN service type:' with three radio buttons: 'PPP over Ethernet (PPPoE)', 'IP over Ethernet', and 'Bridging' (which is selected). Below this is a text field for 'Enter Service Description:' containing 'br_0_1_32'. At the bottom right are 'Back' and 'Next' buttons.

„Bridging“ auswählen und auf „Next“ klicken.

The screenshot shows the 'WAN Setup - Summary' page. The sidebar menu is the same as in the previous screenshot. The main content area is titled 'WAN Setup - Summary' and includes the instruction: 'Make sure that the settings below match the settings provided by your ISP.' Below this is a table summarizing the configuration:

Connection Type:	Bridge
NAT:	Disabled
Full Cone NAT:	Disabled
Firewall:	Disabled
IGMP Multicast:	Not Applicable
Quality Of Service:	Enabled

Below the table, it says: 'Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.' At the bottom right are 'Back' and 'Apply/Save' buttons.

Auf „Apply/Save“ klicken.

The screenshot shows the 'Wide Area Network (WAN) Service Setup' page. The sidebar menu is the same. The main content area is titled 'Wide Area Network (WAN) Service Setup' and includes the instruction: 'Choose Add, Remove or Edit to configure a WAN service over a selected interface.' Below this is a table showing the configured WAN service:

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	Remove	Edit
atm0	br_0_1_32	Bridge	N/A	N/A	Disabled	Disabled	Disabled	<input type="checkbox"/>	Edit

At the bottom are 'Add' and 'Remove' buttons.

Fertig !

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Unter „DSL“ kann man optional noch die unbenutzten DSL-Einstellungen abwählen (schnellere Synchronisation).


The screenshot shows the configuration interface for the ALLNET ALL500VDSL2. On the left is a sidebar menu with options: Device Info, Setup Wizard, Advanced Setup, Layer2 Interface, WAN Service, LAN, NAT, Security, Parental Control, Quality of Service, Routing, DNS, DSL (highlighted), UPnP, DNS Proxy, Interface Grouping, IPSec, Certificate, Multicast, Wireless, Diagnostics, and Management. The main area is titled 'DSL Settings' and contains three sections: 'Select the modulation below.', 'Select the profile below.', and 'Select the phone line pair below.'. The modulation section has checkboxes for G.Dmt Enabled, G.lite Enabled, T1.413 Enabled, ADSL2 Enabled, AnnexL Enabled, ADSL2+ Enabled, AnnexM Enabled, and VDSL2 Enabled. The profile section has checkboxes for 8a Enabled, 8b Enabled, 8c Enabled, 8d Enabled, 12a Enabled, 12b Enabled, 17a Enabled, and 30a Enabled. The phone line pair section has radio buttons for Inner pair and Outer pair. The VDSL2 Enabled checkbox is unchecked.

Hier wurde z.B. VDSL komplett abgeschaltet.

This screenshot is identical to the one above, but the 'DSL' option in the sidebar menu is no longer highlighted. The 'DSL Settings' section remains the same, with the 'VDSL2 Enabled' checkbox still unchecked.

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Eine Überprüfung der Linkparameter ist möglich unter „Device-Info – Statistics – xDSL“.



ALL500VDSL2

Device Info

Summary

WAN

Statistics

LAN

WAN Service

xTM

xDSL

Route

ARP

Setup Wizard

Advanced Setup

Wireless

Diagnostics

Management

Statistics -- xDSL

Mode:	ADSL_2plus			
Traffic Type:	ATM			
Status:	Up			
Link Power State:	L0			
	Downstream	Upstream		
Line Coding(Trellis):	On	On		
SNR Margin (0.1 dB):	58	62		
Attenuation (0.1 dB):	330	178		
Output Power (0.1 dBm):	191	124		
Attainable Rate (Kbps):	6900	1149		
	Path 0		Path 1	
	Downstream	Upstream	Downstream	Upstream
Rate (Kbps):	6202	1153	928	416
MSGc (# of bytes in overhead channel message):	54	13	0	0
B (# of bytes in Mux Data Frame):	29	13	0	0
M (# of Mux Data Frames in FEC Data Frame):	8	16	0	0
T (Mux Data Frames over sync bytes):	7	9	0	0
R (# of check bytes in FEC Data Frame):	12	8	0	0
S (ratio of FEC over PMD Data Frame length):	1.2322	6.1661	0.0	0.0
L (# of bits in PMD Data Frame):	1636	301	0	0
D (interleaver depth):	32	8	0	0
Delay (ms):	0.85	12.22	0.1	0.1

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