



## Hilfestellung für WDS-Bridge-Konfiguration



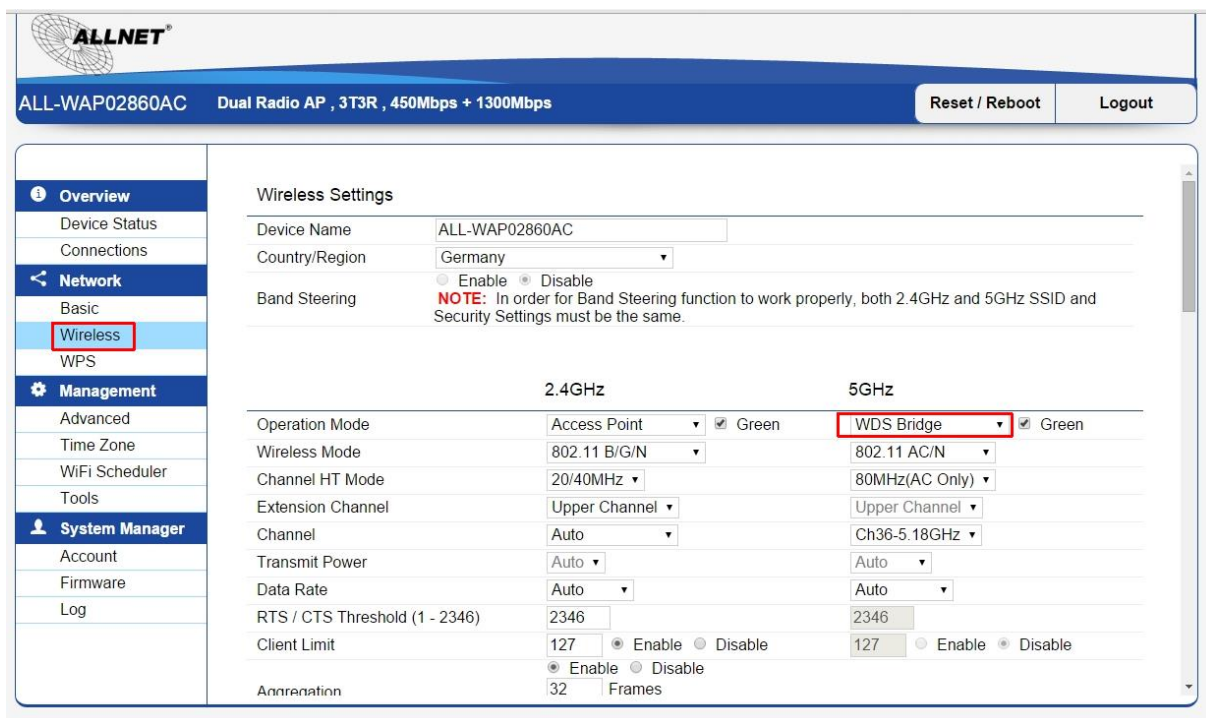
**ALL-WAP0305AC**



**ALL-WAP02860AC**

## Schritt 1:

Wählen Sie unter **NETWORK -> WIRELESS** den Operation Mode **WDS Bridge**



ALLNET®  
ALL-WAP02860AC Dual Radio AP , 3T3R , 450Mbps + 1300Mbps

Reset / Reboot Logout

**Wireless Settings**

Device Name: ALL-WAP02860AC  
Country/Region: Germany  
Band Steering: ☐ Enable ☒ Disable  
**NOTE:** In order for Band Steering function to work properly, both 2.4GHz and 5GHz SSID and Security Settings must be the same.

	2.4GHz	5GHz
Operation Mode	Access Point <input checked="" type="checkbox"/> Green	<b>WDS Bridge</b> <input checked="" type="checkbox"/> Green
Wireless Mode	802.11 B/G/N	802.11 AC/N
Channel HT Mode	20/40MHz	80MHz(AC Only)
Extension Channel	Upper Channel	Upper Channel
Channel	Auto	Ch36-5.18GHz
Transmit Power	Auto	Auto
Data Rate	Auto	Auto
RTS / CTS Threshold (1 - 2346)	2346	2346
Client Limit	127 <input checked="" type="radio"/> Enable <input type="radio"/> Disable	127 <input type="radio"/> Enable <input checked="" type="radio"/> Disable
Announcement	32 Frames	

## Schritt 2:

Scrollen Sie nach unten zu den **WDS LINK SETTINGS**.

Wählen Sie AES als Verschlüsselungsstandard und vergeben ein WLAN-Passwort.

Ändern Sie die erste Zeile der MAC-Adressen-Tabelle auf **ENABLED**.

### WDS Link Settings - 5GHz

Security	<b>AES</b>
WEP Key	40/64-bit(10 hex digits)
AES Passphrase	<b>AESPASSWORD54321</b> (8-63 ASCII characters or 64 hexadecimal digits)

**CAUTION:** NAWDS is enabled, please assign the Channel on both frequency bands manually for settings to take effect.

ID	MAC Address	Mode
1	<input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/>	<b>Enable</b>
2	<input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/>	Disable
3	<input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/>	Disable
4	<input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/> : <input type="text"/>	Disable

### Schritt 3:

Die MAC-Adresse finden Sie unter **DEVICE STATUS -> DEVICE INFORMATION**.

#### WICHTIG:

**HIER MÜSSEN SIE DIE MAC-ADRESSE DER GEGENSEITE / DES ZWEITEN GERÄTES EINTRAGEN!**

Beachten Sie ebenfalls das zutreffende Modul (5GHz oder 2,4GHz) auszuwählen.

The screenshot shows the web interface of an ALLNET WAP02860AC. The left sidebar has a menu with 'Overview' (containing 'Device Status' and 'Connections'), 'Network' (containing 'Basic', 'Wireless', and 'WPS'), 'Management' (containing 'Advanced', 'Time Zone', 'WiFi Scheduler', and 'Tools'), and 'System Manager' (containing 'Account', 'Firmware', and 'Log'). The 'Device Status' option is highlighted. The main content area is titled 'Device Information' and contains the following data:

Device Information	
Device Name	ALL-WAP02860AC
MAC Address	
- LAN	88:DC:96:22:D8:E8
- Wireless LAN - 2.4GHz	88:DC:96:22:D8:E9
- Wireless LAN - 5GHz	88:DC:96:22:D8:EA
Country	Germany
Current Local Time	Tue Dec 9 23:56:29 STD 2014
Firmware Version	1.0.0
Management VLAN ID	Untagged

Below this, there is a section for 'LAN Information - IPv4':

LAN Information - IPv4	
IP Address	192.168.0.78
Subnet Mask	255.255.255.0
Gateway	
Primary DNS	0.0.0.0
Secondary DNS	0.0.0.0

### Schritt 4:

Tragen Sie die MAC-Adresse der Gegenseite unter **WIRELESS -> WDS LINK SETTINGS** ein. Achten Sie darauf dass der Modus auf **ENABLED** gesetzt ist.

The screenshot shows the 'WDS Link Settings - 5GHz' page. The left sidebar is the same as in the previous screenshot, but 'Wireless' is highlighted. The main content area shows settings for WDS Link:

Security: AES  
WEP Key: [empty field] (40/64-bit(10 hex digits))  
AES Passphrase: AESPASSWORD54321 (8-63 ASCII characters or 64 hexadecimal digits)

**CAUTION:** NAWDS is enabled, please assign the Channel on both frequency bands manually for settings to take effect.

ID	MAC Address	Mode
1	88 : dc : 96 : 22 : d8 : ea	Enable
2		Disable
3		Disable
4		Disable

## Schritt 5:

Speichern Sie die Einstellungen unter APPLY ab.

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Reset / Reboot Logout

**Overview**  
Device Status  
Connections  
**Network**  
Basic  
Wireless  
WPS  
**Management**  
Advanced  
Time Zone  
WiFi Scheduler  
Tools  
**System Manager**  
Account  
Firmware  
Log

Automatic DHCP Server Settings

- Starting IP Address	192.168.200.100
- Ending IP Address	192.168.200.200
- WINS Server IP	0.0.0.0

Fast Handover

Status ☐ Enable ☒ Disable

RSSI -70 dBm (Range: -60dBm ~ -90dBm)

Management VLAN Settings

Status ☐ Enable ☒ Disable 4096

**CAUTION:** Please ensure the switch or DHCP supports VLAN function when encountering the disconnection under configuration.

**Apply** Save current setting(s)

## Schritt 6:

Unter **NETWORK -> BASIC** können Sie die IP-Einstellungen an Ihr Netzwerk anpassen.

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Reset / Reboot Logout

**Overview**  
Device Status  
Connections  
**Network**  
Basic  
Wireless  
WPS  
**Management**  
Advanced  
Time Zone  
WiFi Scheduler  
Tools  
**System Manager**  
Account  
Firmware  
Log

IPv4 Settings

IP Network Setting ☐ DHCP ☒ Static IP

IP Address	192.168.0.77
Subnet Mask	255.255.255.0
Gateway	192.168.0.254
Primary DNS	8.8.4.4
Secondary DNS	8.8.8.8

IPv6 Settings ☒ Link-Local Address

IP Address	
Subnet Prefix Length	
Gateway	
Primary DNS	
Secondary DNS	

Spanning Tree Protocol (STP) Settings

## Schritt 7:

Wiederholen Sie die auf Gerät 1 konfigurierten Einstellungen auf dem zweiten Gerät.

Konfigurieren Sie:

- Den **Betriebsmodus WDS BRIDGE** auf demselben Modul (2,4GHz / 5GHz)
- Das gleiche **AES PASSWORT**
- Vergeben Sie eine andere **IP-Adresse** als beim ersten Gerät
- Tragen Sie die MAC-Adresse von Gerät 1 unter **WDS LINK LIST** ein

Anschließend verbinden sich die Geräte per WDS.

Im Menüpunkt **OVERVIEW – CONNECTIONS** können Sie den Link Status und die Verbindungsqualität beobachten.

The screenshot shows a web interface for WDS configuration. On the left is a sidebar menu with the following items: Overview, Device Status, Connections (highlighted with a red box), Network, Basic, Wireless, WPS, Management, Advanced, Time Zone, WiFi Scheduler, Tools, System Manager, Account, Firmware, and Log. The main content area displays two tables. The first table is titled 'WDS Link List - 5GHz' and has columns: WDS Link ID#, MAC Address, Link Status, and RSSI(dBm). It contains one entry with ID# #1, MAC Address 88:dc:96:22:d8:ea, Link Status UP (highlighted with a red box), and RSSI(dBm) -35 (highlighted with a red box). The second table is titled 'Connection List - 2.4GHz' and has columns: SSID, MAC Address, TX, RX, RSSI, and Block. Below the tables is a blue 'Refresh' button.

WDS Link ID#	MAC Address	Link Status	RSSI(dBm)
#1	88:dc:96:22:d8:ea	UP	-35

SSID	MAC Address	TX	RX	RSSI	Block
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Refresh

**Zeigt der Link Status „UP“ an, sind die Geräte per WLAN verbunden.**