



Hilfestellung für Bridge-Konfiguration



ALL02880ND/ALL02860ND als AccessPoint

ALL02850N als ClientBridge

Schritt 1:

ALL02880ND / ALL02860ND als Access Point konfigurieren.

Gehen Sie dazu zu SYSTEM -> OPERATION MODE

ALLNET Wireless Access Point/Client Bridge ALL02880ND

AP/AP

Status

- Save/Reload:0
- Main
- 2.4G Wireless Client List
- 5G Wireless Client List
- System Log

System

- Operation Mode**
- IP Settings
- Spanning Tree Settings
- Band Steer

2.4G Wireless

- Wireless Network
- Wireless MAC Filter
- Wireless Advanced Settings
- WPS

System Properties Home Reset

System Properties

Device Name: ALL02880ND (1 to 32 characters)

Country/Region: Germany

2.4G Wireless Configuration

- Access Point**
- Client Bridge
- WDS
- Repeater

5G Wireless Configuration

- Access Point
- Client Bridge
- WDS
- Repeater

Accept Cancel

Schritt 2:

SSID und Verschlüsselung konfigurieren.

Gehen Sie dazu zu 2.4G WIRELESS - > WIRELESS NETWORK
Klicken Sie anschließend auf EDIT

ALLNET Wireless Access Point/Client Bridge ALL02880ND

AP/AP

Status

- Save/Reload:6
- Main
- 2.4G Wireless Client List
- 5G Wireless Client List
- System Log

System

- Operation Mode
- IP Settings
- Spanning Tree Settings
- Band Steer

2.4G Wireless

- Wireless Network**
- Wireless MAC Filter
- Wireless Advanced Settings
- WPS

5G Wireless

- Wireless Network
- Wireless MAC Filter
- Wireless Advanced Settings
- WPS

Management

- Administration
- Management VLAN
- Wireless Traffic Shaping
- SNMP Settings
- Backup/Restore Settings
- Firmware Upgrade
- Time Settings
- Schedule
- CLI Settings
- Log
- Diagnostics
- Led Control
- Logout

2.4G / Wireless Network Home Reset

Wireless Mode: 802.11 B/G/N Mixed
CAUTION: 802.11 N, Unsupported WEP security mode and TKIP encryption.

Channel HT Mode: 20/40MHz

Extension Channel: Upper Channel

Channel / Frequency: Ch1-2.412GHz Auto

AP Detection: Scan

SSID	Security	VID	Enable	Edit
ALL02880ND_1-2.4G	WPA2-PSK TKIP/AES	1	<input checked="" type="checkbox"/>	Edit
				Edit
				Edit
				Edit
				Edit
				Edit
				Edit
				Edit

Comodo IceDragon

192.168.2.212/cgi-bin/luci/stok=46eef0a959a8e90b43ba7320944f409e/html/AP_SSIDProfile?wifidevice=wif0&tableid=1&actionEdit:

2.4G / SSID Profile

Wireless Setting

SSID: ALL02880ND_1-2.4G (1 to 32 characters)

Suppressed SSID:

Station Separation: Enable Disable

Wireless Security

Security Mode: WPA2-PSK

Encryption: AES

Passphrase: PaZZw0rd321 (8 to 63 characters) or (64 Hexadecimal characters)

Group Key Update Interval: 3600 seconds(30-3600, 0: disabled)

Save Cancel

Schritt 3:

Unter SYSTEM -> IP SETTINGS können Sie die IP-Adresse konfigurieren.

The screenshot shows the 'IP Settings' configuration page. On the left is a yellow sidebar with a menu. The main area is titled 'IP Settings' and contains a table of configuration options. A red box highlights the 'Specify an IP address' section, which includes fields for IP Address (192.168.2.212), IP Subnet Mask (255.255.255.0), Default Gateway (192.168.2.254), Primary DNS (8.8.8.8), and Secondary DNS (8.8.4.4). The 'Obtain an IP address automatically (DHCP)' option is selected. At the bottom, there are 'Accept' and 'Cancel' buttons.

System Information	
IP Network Setting	<input type="radio"/> Obtain an IP address automatically (DHCP) <input checked="" type="radio"/> Specify an IP address
IP Address	192 . 168 . 2 . 212
IP Subnet Mask	255 . 255 . 255 . 0
Default Gateway	192 . 168 . 2 . 254
Primary DNS	8 . 8 . 8 . 8
Secondary DNS	8 . 8 . 4 . 4
Use Link-Local Address	<input checked="" type="checkbox"/>
IPv6 IP Address	<input type="text"/>
IPv6 Subnet Prefix Length	<input type="text"/>
IPv6 Default Gateway	<input type="text"/>
IPv6 Primary DNS	<input type="text"/>
IPv6 Secondary DNS	<input type="text"/>

Schritt 4:

>WICHTIG< Bestätigen Sie Ihre gespeicherten Änderungen unter SAVE/RELOAD mit SAVE&APPLY.

Ansonsten werden Ihre Konfigurationen nicht auf das Gerät überschrieben und beim nächsten Neustart verworfen!

The screenshot shows the 'Save/Reload' configuration page. On the left is a yellow sidebar with a menu. The main area is titled 'Save/Reload' and contains a text area for 'Unsaved changes list' with the following content: `-wireless.w0_index16.WLANWDSPeer
wireless.w0_index0.wps_configured=1
wireless.w0_index0.key=PaZzW0rd321
wireless.w0_index0.encryption=psk2 aes
wireless.w0_index0.WLANWpaRadiusAccSrvIP=...
wireless.w0_index0.hidden=0
wireless.w0_index0.server=...` At the bottom, there are 'Save & Apply' and 'Revert' buttons. A red box highlights the 'Save & Apply' button.

Die Konfiguration des Access Points ist nun abgeschlossen!

Schritt 5:

ALL02850N als Client konfigurieren.

Der ALL02850N ist im Auslieferungszustand bereits als Client Bridge konfiguriert.
Zu sehen ist dies unter SYSTEM -> OPERATION MODE.

The screenshot shows the configuration page for the ALL02850N device in Access Point Mode. The left sidebar contains a menu with the following items: System (highlighted), Operation Mode (highlighted with a red box), Status, DHCP, Schedule, Event Log, Monitor, Wireless, Network, Management, Tools, and Logout. The main content area is titled "Operation Mode" and contains a list of radio buttons: Access Point, Client Bridge (selected), WDS AP, WDS Bridge, Access Point Router, and Universal Repeater. Below the list are "Apply" and "Cancel" buttons.

Schritt 6:

Gehen Sie zu WIRELESS -> BASIC und klicken auf SITE SURVEY.

The screenshot shows the configuration page for the ALL02850N device in Client Bridge Mode. The left sidebar contains a menu with the following items: System, Wireless (highlighted), Basic (highlighted with a red box), Advanced, AP Profile, Network, Management, Tools, and Logout. The main content area contains a text description: "This page allows you to define Mode, Band, Multiple ESSID. You can also set up a static wireless channel or make Wireless device move to a clean Wireless Channel automatically." Below the text are four configuration fields: "Radio" with radio buttons for "Enable" (selected) and "Disable"; "Mode" with a dropdown menu set to "Client"; "Band" with a dropdown menu set to "2.4 GHz (B+G+N)"; and "Site Survey" with a button labeled "Site Survey" (highlighted with a red box). At the bottom right are "Apply" and "Cancel" buttons.

Schritt 7:

Nun öffnet sich ein Suchfenster mit allen gefundenen WLAN-SSIDs.
Wählen Sie die SSID des ALL02880ND bzw. ALL02860ND.
Bestätigen Sie mit ADD to AP PROFILE.

Site Survey

NO.	Select	Channel	SSID	BSSID	Encryption	Authentication	Signal(%)	Mode
1	<input checked="" type="radio"/>	6	ALL02880ND_1-2.4G	00:0F:C9:0E:AA:B4	TKIPAES	WPA2PSK	90	b/g/n
2	<input type="radio"/>	1	Fred	00:0F:C9:08:3D:20	AES	WPA2PSK	60	b/g/n
3	<input type="radio"/>	11	ALLNET-Guest	50:A7:33:5C:EC:58	AES	WPA2PSK	60	b/g/n
4	<input type="radio"/>	11	ALLNET-INT1	50:A7:33:1C:EC:58	AES	WPA2PSK	56	b/g/n
5	<input type="radio"/>	10	ALLNET_ECB350	00:02:6F:E6:1C:18	AES	WPA2	54	b/g/n
6	<input type="radio"/>	3	ALL-Guest	74:91:1A:51:76:C8	NONE	OPEN	54	b/g/n
7	<input type="radio"/>	3	ALL-Support	74:91:1A:11:76:C8	AES	WPA2PSK	54	b/g/n
8	<input type="radio"/>	6	ALLNET_EAP350	00:02:6F:E8:08:4C	AES	WPA2	54	b/g/n
9	<input type="radio"/>	6	Kolja_Testnetz	00:0F:C9:0B:C9:8E	AES	WPA2PSK	52	b/g/n
10	<input type="radio"/>	6	ALLNET_EAP350_2	02:02:6F:E8:08:4C	AES	WPA2	50	b/g/n
11	<input type="radio"/>	11	AeroFlot	CC:B2:55:D1:11:5E	TKIPAES	WPA2PSK	22	b/g/n
12	<input type="radio"/>	1	HEIM-NETZ	BC:05:43:50:56:9B	AES	WPAPSKWPA2PSK	18	b/g/n
13	<input type="radio"/>	6	Raubfischteam	34:08:04:24:79:10	WEP	AUTOWEP	16	b/g
14	<input type="radio"/>	3	bridgeweb	02:41:88:84:41:7E	AES	WPA2PSK	12	b/g
15	<input type="radio"/>	6	Video	00:0F:C9:0B:CF:34	TKIP	WPA2PSK	10	b/g

Refresh

Add to AP Profile

Schritt 8:

Tragen Sie das zuvor vergebene Passwort ein. Bestätigen Sie mit SAVE.

This page allows you setup the wireless security. You can turn on WEP or WPA by using Encryption Keys, besides you can enable 802.1x Authentication or RADIUS to coordinate with RADIUS server.

AP Profile Settings

Network Name (SSID) :	<input type="text" value="ALL02880ND_1-2.4G"/>
Encryption :	<input type="text" value="WPA pre-shared key"/>
Authentication Type :	<input type="text" value="WPA2(AES)"/>
Pre-shared Key :	<input type="text" value="PaZZw0rd32!"/>

Save

Schritt 9:

Sie werden automatisch zum AP PROFILE TABLE weitergeleitet. Wählen Sie dort die SSID aus und bestätigen Sie mit CONNECT

The screenshot shows the configuration page for a wireless access point in Client Bridge Mode. The left sidebar contains a navigation menu with 'Wireless' expanded to show 'AP Profile'. The main content area displays the 'AP Profile Table' with one entry selected. Below the table are control buttons, with 'Connect' highlighted.

NO.	SSID	MAC	Authentication	Encryption	Select
1	ALL02880ND_1-2.4G	00:0F:C9:0E:AA:B4	WPA2_PSK	AES	<input checked="" type="checkbox"/>

Buttons: Add, Edit, Move Up, Move Down, Delete Selected, Delete All, **Connect**

Schritt 10:

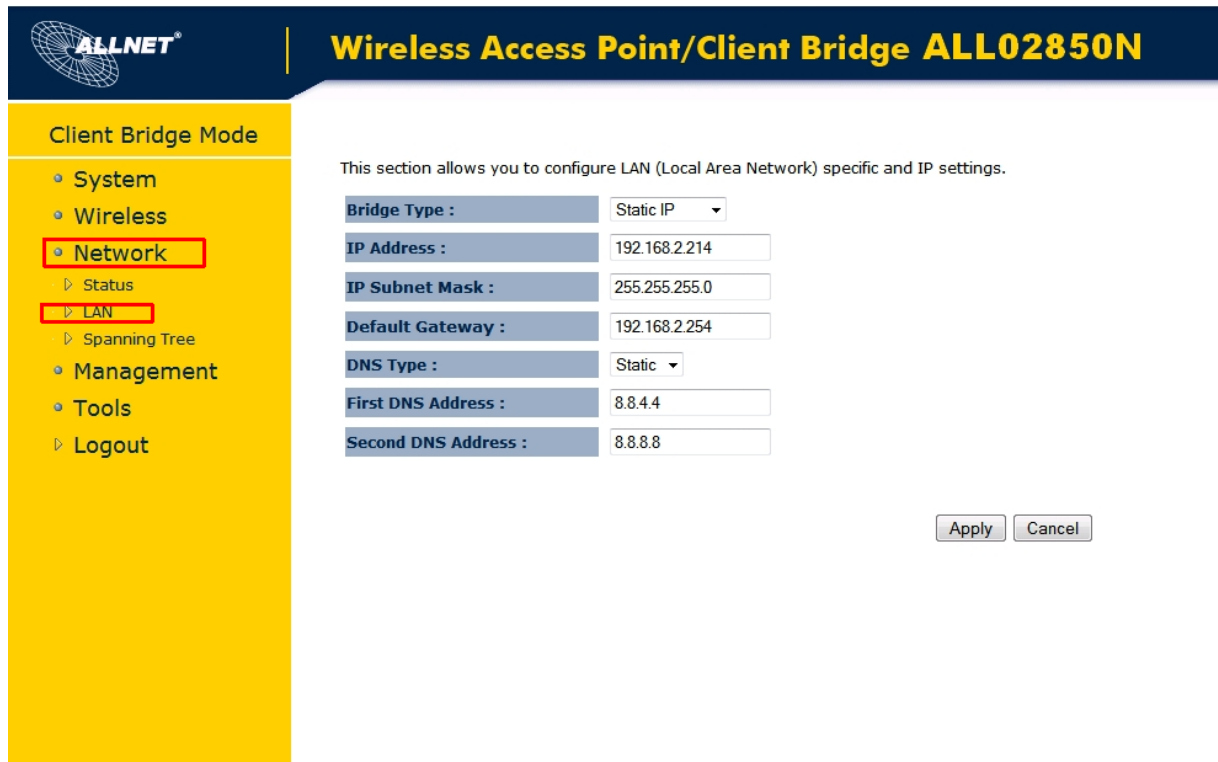
Unter WIRELESS -> STATUS sehen Sie den Status der Verbindung zum AccessPoint.

The screenshot shows the 'Status' page for the wireless connection. The left sidebar has 'Wireless' expanded to 'Status'. The main content area displays 'WLAN Station Information' with the following details:

Connection Status	Successful
ESSID	ALL02880ND_1-2.4G
Security	WPA2 pre-shared key
BSSID	00:0F:C9:0E:AA:B4
Channel	6
Link Quality	100/100

Schritt 11:

Unter NETWORK -> LAN können Sie die IP-Einstellungen gemäß dem Netzwerk konfigurieren.



The screenshot shows the configuration interface for the ALLNET Wireless Access Point/Client Bridge ALL02850N. The interface is titled "Client Bridge Mode" and features a navigation menu on the left with the following items: System, Wireless, Network (highlighted with a red box), Status, LAN (highlighted with a red box), Spanning Tree, Management, Tools, and Logout. The main content area is titled "Wireless Access Point/Client Bridge ALL02850N" and contains a section for configuring LAN settings. This section includes a description: "This section allows you to configure LAN (Local Area Network) specific and IP settings." Below the description are several configuration fields: Bridge Type (Static IP), IP Address (192.168.2.214), IP Subnet Mask (255.255.255.0), Default Gateway (192.168.2.254), DNS Type (Static), First DNS Address (8.8.4.4), and Second DNS Address (8.8.8.8). At the bottom right of the configuration area, there are "Apply" and "Cancel" buttons.

Bridge Type :	Static IP
IP Address :	192.168.2.214
IP Subnet Mask :	255.255.255.0
Default Gateway :	192.168.2.254
DNS Type :	Static
First DNS Address :	8.8.4.4
Second DNS Address :	8.8.8.8

Apply Cancel

Die Konfiguration der Client Bridge ist damit abgeschlossen!