



**ALL1682511v2**

**500 Mbps PLC Ethernet Bridge**

**+ 300 Mbps WiFi AP**



**Quick Install Guide**

## **DEFAULT VALUES**

<b>IP:</b>	<b>192.168.1.2</b>
<b>Name:</b>	<b>admin</b>
<b>Password:</b>	<b>admin</b>

### **Hardware Installation**

#### **Important!**

**Use for the connection of the ALL1682511v2 no power strips, but preferably a wall outlet.**

**Some devices, such as Chargers of phones, halogen lamps, electric motors in the vacuum or high bad PC power supplies can cause errors, negatively affect the speed and reach of the Powerline transmission.**

**When you connect these interfering devices using a socket with integrated mains filter, such errors can be prevented effectively.**

## **IMPORTANT SAFETY INSTRUCTIONS**

**THIS PRODUCT IS CONNECTED TO THE 230 V MAINS SUPPLY. PLEASE ADHERE REASONS DURING THE INSTALLATION AND DE-INSTALLATION NECESSARILY TO THE FOLLOWING INSTRUCTIONS.**

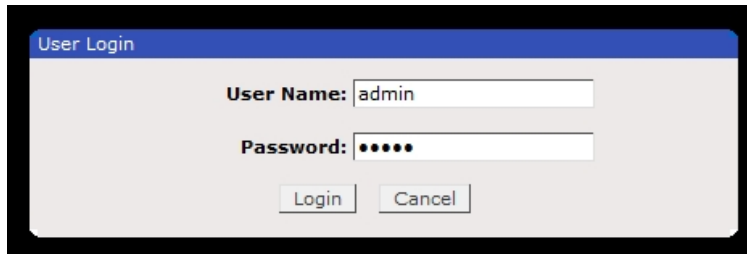
**READ THE INSTRUCTIONS CAREFULLY.**

- **THROW THE INSTRUCTIONS AWAY.**
- **PLEASE YOU, IF NECESSARY, WARNING LABELS ON THE PRODUCT.**
- **BEFORE CLEAN THE UNIT DISCONNECT THE CONNECTION TO THE POWER SUPPLY PLEASE. TO CLEAN, USE A DAMP CLOTH, BUT NO CHEMICAL DETERGENTS.**
- **OPERATING YOU THIS APPLIANCE AWAY FROM WATER.**
- **NEVER OPERATE THE DEVICE IN THE IMMEDIATE VICINITY OF A HEATER.**
- **THIS APPLIANCE REQUIRES A FUNCTIONING, PROPER ELECTRICAL INSTALLATION.**
- **MAKE SURE THAT NOBODY CAN FALL OVER THE CABLE.**
- **MAKE SURE THAT THE DEVICE IS EXPOSED TO ANY MECHANICAL PRESSURE**
- **THIS DEVICE SENDS DATA OVER THE WIRE. USE A WALL - OUTLET SO WHENEVER POSSIBLE. USE NO UNINTERRUPTIBLE POWER SUPPLY (UPS) OR POWER STRIP WITH FILTER.**
- **ONLY A QUALIFIED PROFESSIONAL CAN OPEN THE CASING OR REPAIR THE DEVICE.**
- **IF ONE OF THE FOLLOWING EVENTS OCCURS, REMOVE THE DEVICE FROM THE POWER LINE AND PASS IT TO YOUR DEALER TO CHECK:**
  - **CONNECTING CABLES ARE DAMAGED.**
  - **A LIQUID IS SPILLED INTO THE UNIT.**
  - **THE DEVICE HAS BEEN EXPOSED TO RAIN.**

# Konfiguration

## 1. LOGIN:

Login via **192.168.1.2** (**admin / admin**)



A screenshot of the 'User Login' web form. It has a blue header bar with the text 'User Login'. Below the header, there are two input fields: 'User Name:' with the value 'admin' and 'Password:' with masked characters '\*\*\*\*\*'. At the bottom, there are two buttons: 'Login' and 'Cancel'.

## 2. WLAN KONFIGURATION:

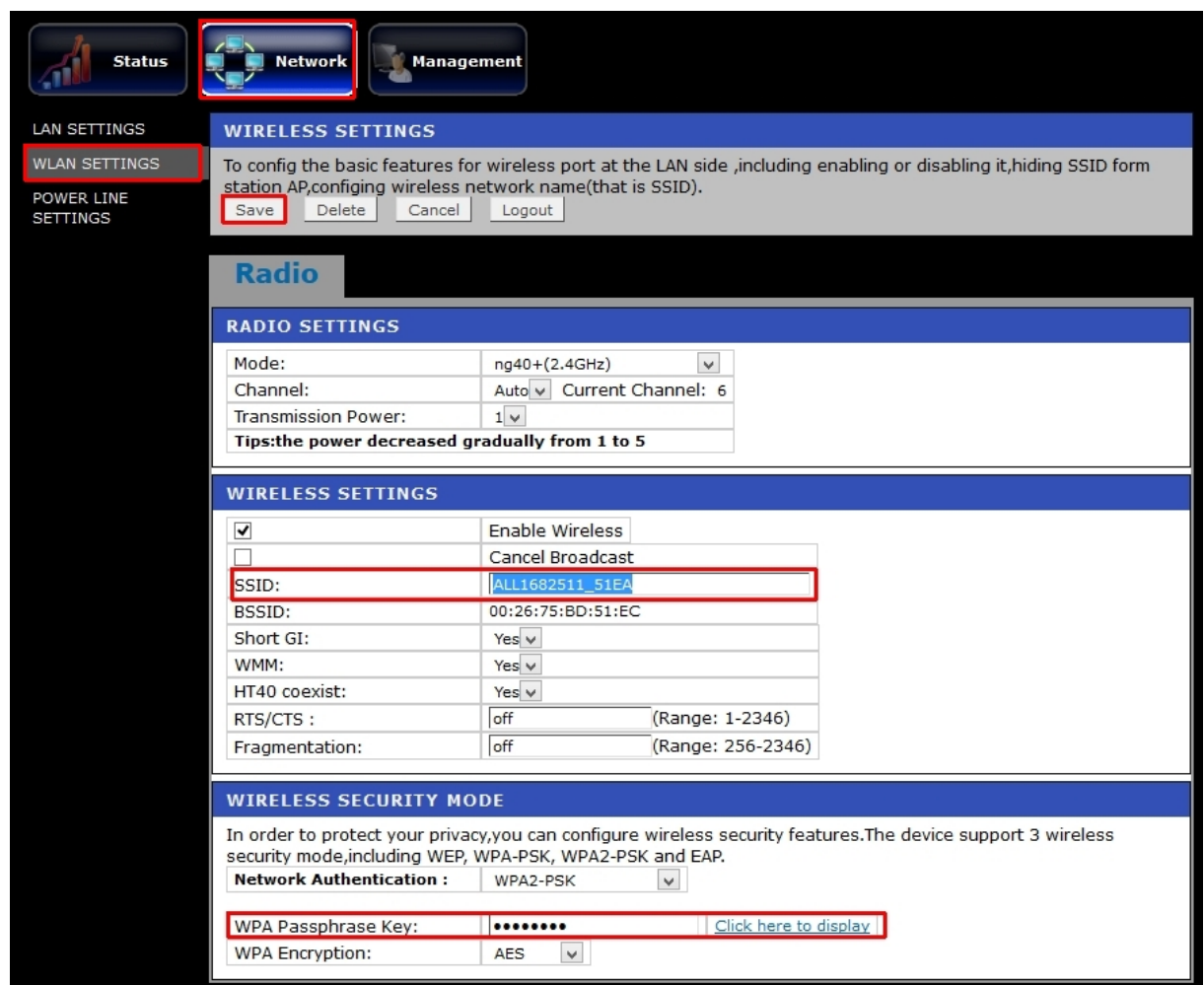
Navigate to **Network – WLAN Settings**.

**Wireless Settings – SSID** configure your WLAN SSID here.

At **WPA Passphrase Key** you can enter your WLAN password.

**Click here to display** will show the actual WLAN password.

Save the configuration with **Save**.



A screenshot of the 'WLAN Settings' web interface. The interface has a dark blue header with three tabs: 'Status', 'Network' (highlighted with a red box), and 'Management'. Below the header, there are three main sections: 'LAN SETTINGS', 'WLAN SETTINGS' (highlighted with a red box), and 'POWER LINE SETTINGS'. The 'WLAN SETTINGS' section contains a 'Radio' sub-section and a 'Wireless Settings' sub-section. The 'Radio' sub-section has a 'RADIO SETTINGS' table with fields for Mode, Channel, and Transmission Power. The 'Wireless Settings' sub-section has a 'WIRELESS SETTINGS' table with fields for SSID, BSSID, Short GI, WMM, HT40 coexist, RTS/CTS, and Fragmentation. The 'Wireless Security Mode' sub-section has a 'WIRELESS SECURITY MODE' table with fields for Network Authentication, WPA Passphrase Key, and WPA Encryption. The 'WPA Passphrase Key' field is highlighted with a red box and contains a 'Click here to display' link.

RADIO SETTINGS	
Mode:	ng40+(2.4GHz)
Channel:	Auto Current Channel: 6
Transmission Power:	1
Tips:the power decreased gradually from 1 to 5	

WIRELESS SETTINGS	
<input checked="" type="checkbox"/>	Enable Wireless
<input type="checkbox"/>	Cancel Broadcast
SSID:	ALL1682511_51EA
BSSID:	00:26:75:BD:51:EC
Short GI:	Yes
WMM:	Yes
HT40 coexist:	Yes
RTS/CTS :	off (Range: 1-2346)
Fragmentation:	off (Range: 256-2346)

WIRELESS SECURITY MODE	
In order to protect your privacy,you can configure wireless security features.The device support 3 wireless security mode,including WEP, WPA-PSK, WPA2-PSK and EAP.	
Network Authentication :	WPA2-PSK
WPA Passphrase Key:	***** Click here to display
WPA Encryption:	AES

### 3. POWERLINE KONFIGURATION:

Open **POWERLINE SETTINGS**.

„HomePlugAV“ is the default name for all powerline adapters.

If you want to change it then enter the new name at **NETWORK PASSWORD**.

Save your configuration with **Save**.

**POWERLINE SETTINGS**

Change Powerline settings.

**Save** Cancel Logout

**LOCAL DEVICE CONFIGURATION**

Configure Network Password (Set Local and Remote devices)

PLC Feature:	Enable
Network Password:	HomePlugAV
Local Device MAC:	00:26:75:BD:51:ED
Low Power Mode:	Normal

**REMOTE DEVICE CONFIGURATION**

Powerline Devices Detected

Alias	MAC	Model	FIRMWARE	TX(Mbps)	RX(Mbps)	TEI	Low Power Mode
Found 0 Device(s)!							

Security: Disable

### 4. IP-ADDRESS :

If you have more than one ALL1682511v2 you have to change the IP-address of the device.

Navigate to **LAN SETTINGS** and configure the **ROUTER IP ADDRESS**.

Save the configuration with **Save**.

**LAN SETTINGS**

This page is used for setting IP address of LAN,subnet mask code,DHCP Server.Click "Save" to take effect!

**Save** Cancel Logout

**LAN SETTINGS**

Configure the IP address and subnet mask of Atheros router For LAN.Notice:If IP address of router has been modified,the newly-changed IP should be inputed in the brower before you could access the Internet.

Router IP address:	192.168.1.2
Router Subnet Mask:	255.255.255.0



## CE-Declaration of Conformity

For the following equipment:

Germering, 1st of July, 2015

### 500Mbit Powerline WLAN N Access Point

## ALL1682511v2



The safety advice in the documentation accompanying the products shall be obeyed. The conformity to the above directive is indicated by the CE sign on the device.

The ALLNET ALL1682511v2 conforms to the Council Directives of 1999/5/EC.

This equipment meets the following conformance standards:

Evaluated test reports	
Requirement	Standard, test report number, date & laboratory
Safety	<b>EN 60950-1:2006+A11:2009+A1:2010+A12:2011</b>  -CB Test Certificate SG-OF-10286 dated 2013-10-08 by TÜV SÜD PSB Pte Ltd -No.: 7191067535-EEC13/NCH1 dated 2013-10-04 and issued by TÜV SÜD PSB Pte Ltd
Health	<b>EN 50385: 2002</b>  -No.: SE130815C43A R1 dated 2013-12-11 and issued by Bureau Veritas CPS (HK) Ltd.
EMC	<b>EN 301 489-1 V1.9.2</b> <b>EN 301 489-17 V2.2.1</b> <b>EN 55022/ CISPR II/XX/CDV Opt B</b> <b>EN 50412-2-1 / EN 61000-3-2 / EN 61000-3-3</b>  -Notified Body 0680 Statement of compliance NB13061 dated 2013-12-16 and issued by CETECOM GmbH -No.: CE130815C43 R1 dated 2013-12-11 and issued by Bureau Veritas CPS (H.K.) Ltd. -No.: RM130815C43 R1 dated 2013-12-11 and issued by Bureau Veritas CPS (H.K.) Ltd.
Radio spectrum	<b>EN 300 328 V1.7.1</b> <b>EN 301 893 V1.6.1</b>  -No. : RE130815C43 R1 dated 2013-12-11 and issued by Bureau Veritas CPS (H.K.) Ltd.

This equipment is intended to be operated in all countries.

This declaration is made by

ALLNET Computersysteme GmbH

Maistraße 2

82110 Germering

Germany

Germering, 01.07.2015

  
Wolfgang Marcus Bauer  
CEO

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