



ALL-WR2901-4GV2

Wireless N LTE-Router

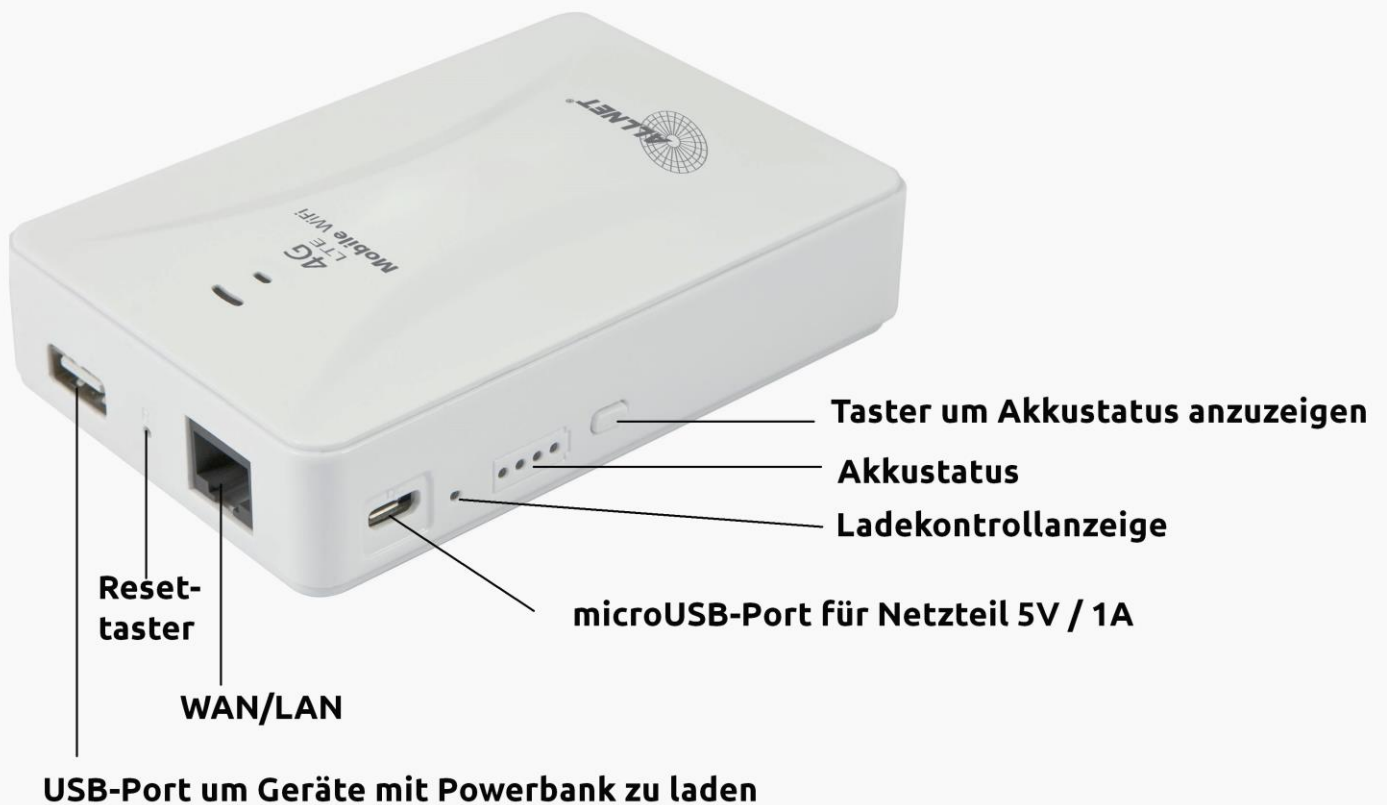
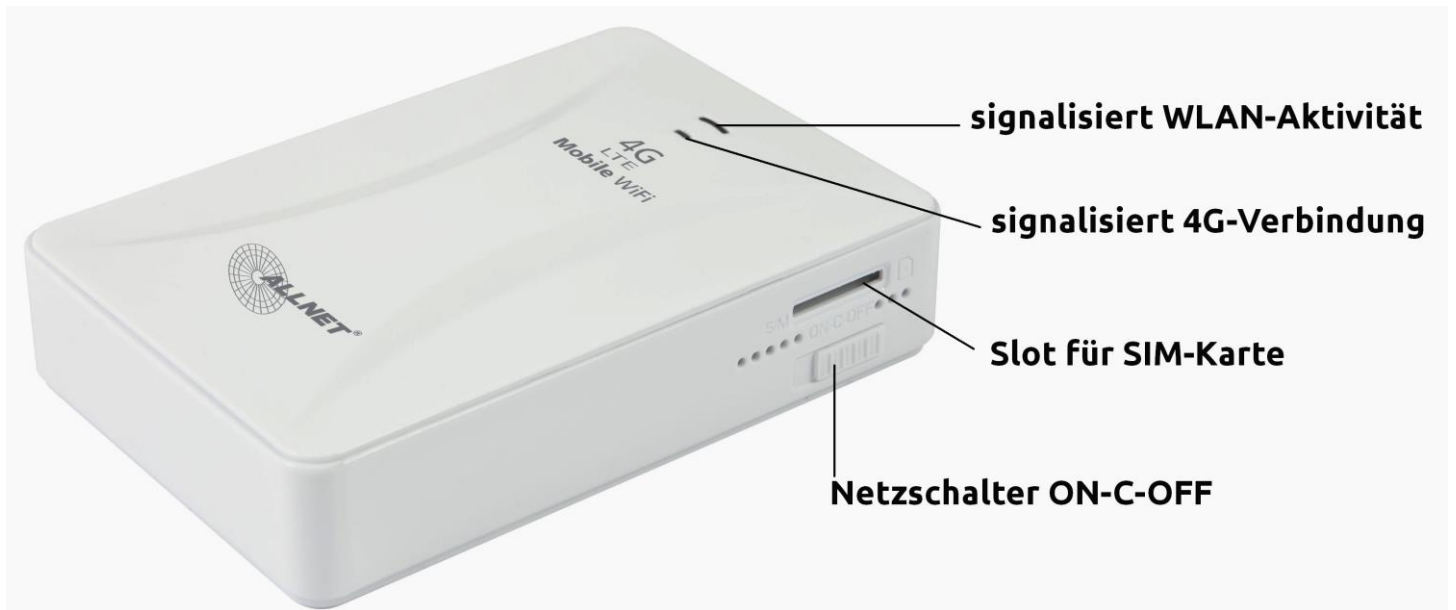


Benutzerhandbuch

Standard-IP:	<u>192.168.100.1</u>
Benutzer:	<u>admin</u>
Passwort:	<u>admin</u>
SSID:	<u>ALL-WR2901-4G-V2</u>
Passwort:	<u>88886666</u>

Achtung:

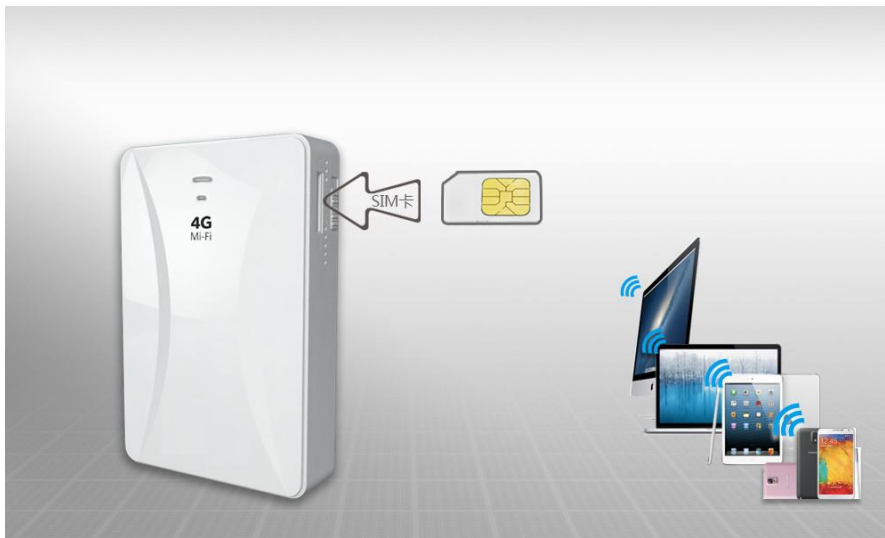
Bitte ändern Sie nach dem ersten Login die Standardpasswörter des Routers.



Erklärung

<i>Name</i>	<i>Status</i>	<i>Funktion</i>
SIM Kartenslot		Führen Sie hier die SIM-Karte ins Geräte ein
Netzschalter	ON	Der ALL-WR2901-4GV2 wird gestartet.
	C	Lademodus. In diesem Modus werden am USB-Port angeschlossene Geräte aufgeladen.
	OFF	Gerät abgeschaltet.
Akku-status LED	1 LED an	Batterie ist bei 20%
	2 LEDs an	Batterie ist bei 40%
	3 LEDs an	Batterie ist bei 80%
	4 LEDs an	Batterie ist bei 100%, vollgeladen.
LED für mobiles Internet		Rot leuchtend signalisiert keine Verbindung. Blau blinkend signalisiert Verbindungsversuch. Dauerhaft leuchtende blau/rote LED signalisiert erfolgreiche Netzwerkverbindung.
WLAN-LED		Blinkende blaue LED bedeutet Datenübertragung über WLAN.
USB-Port		Dieser USB-Port wird genutzt um Smartphones / Tablets zu laden (5V/1A Output).
Reset-Taster		Drücken Sie während dem Betrieb des Gerätes den Resetbutton für 20 Sekunden. Der Netzschalter muss sich dazu im Modus "On" befinden. Nach weiteren 5 Sekunden wird das Gerät neustarten und befindet sich danach im Auslieferungszustand.
WAN/LAN		Schnittstelle für Computer um Zugriff auf das Webinterface zu erhalten. Kann ebenfalls als WAN-Port im Access Point-Modus genutzt werden.
Ladekontrollanzeige		Diese LED leuchtet rot auf während der ALL-WR2901-4GV2 geladen wird. Sobald die LED nicht mehr leuchtet ist das Gerät vollgeladen.
Ladeanschluss (microUSB)		Der microUSB-Port wird genutzt um den integrierten 5200mAh Akku zu laden (5V/1A Input) .

Installation einer SIM-Karte



Verwenden Sie eine SIM-Karte in Standard-Größe, keine micro/nano-SIM-Karte! Verwenden Sie wenn nötig einen Adapter.

1. Starten Sie Ihren Internetbrowser, tippen Sie **192.168.100.1** in das Adressfeld ein und bestätigen Sie mit Enter.
2. Verwenden Sie als Benutzername & Passwort: **admin**
3. Begeben Sie sich zum Menüpunkt „3G/4G“ öffnen Sie dort den Bereich „PIN CODE Setting“.
4. Verändern Sie die Einstellung zu „Enabled“ und tragen Sie unter „PIN“ die PIN-Nummer der SIM-Karte ein.
5. Führen Sie anschließend die SIM-Karte über den SIM-Karten-Slot mit der metallenen Seite nach oben ein. Beachten Sie dazu die abgedruckte Grafik.
6. Sollte die automatische Einwahl (Auto) nicht gelingen, müssen Sie die geforderten Daten manuell (Manual) eintragen. Diese Daten erhalten Sie von Ihrem SIM-Kartenanbieter. Wählen Sie dazu unter „3G/4G Connection“ den Dial Mode „Manually“.

SIM-Karte aus Slot entfernen:

Drücken Sie die SIM-Karte leicht in das Gehäuse hinein. Sie hören einen „Klick“ und die Karte wird herausgeschoben.

Achtung:

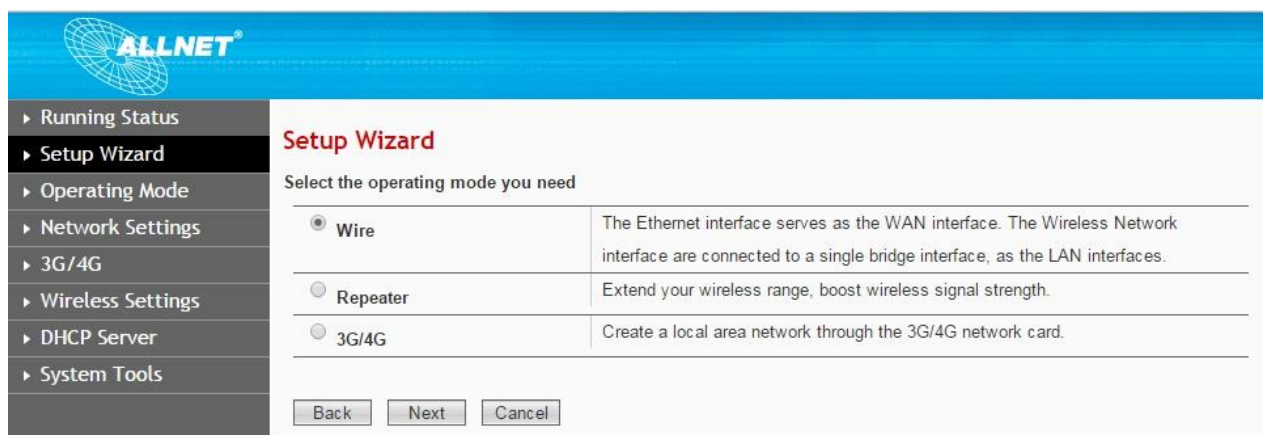
Löschen oder ändern Sie den im Webinterface abgespeicherten PIN-Code BEVOR Sie eine neue SIM-Karte einführen, um eine Kartensperre zu vermeiden!

Zusätzliche WLAN-Modi des ALL-WR2901-4GV2

1. Wire-Modus (Access Point Router Modus)

Wenn Ihnen ein LAN-Zugang zu einem Netzwerk mit Internetverbindung zur Verfügung steht, können Sie das Gerät als Access Point verwenden.

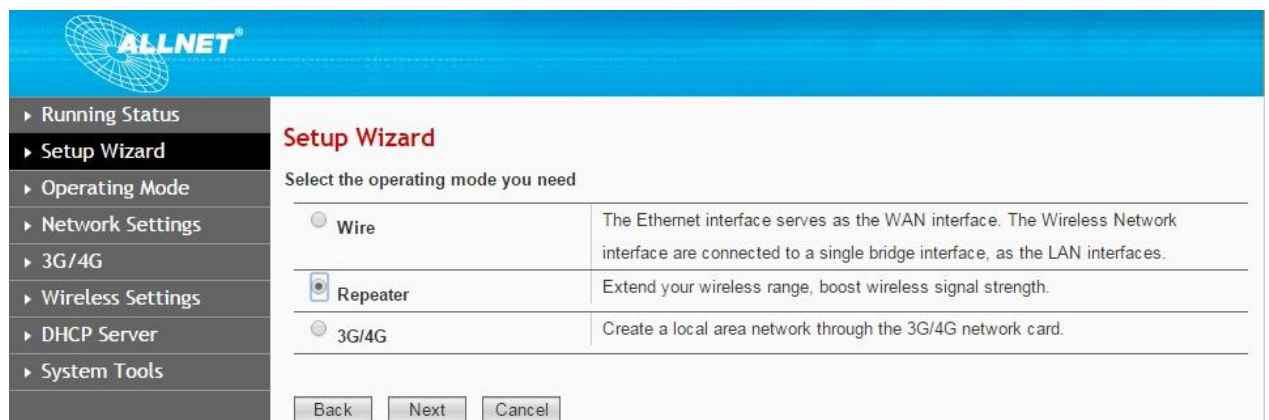
1. Gehen Sie dazu im Webinterface zum Menüpunkt „Setup Wizard“ und wählen Sie den „Wire Mode“.
2. Anschließend wählen Sie den WAN Connection Mode. (Für die meisten Netzwerke ist „DHCP“ die richtige Wahl.)
3. Anschließend konfigurieren Sie die WLAN-Verschlüsselung
4. Damit ist die Konfiguration abgeschlossen. Bestätigen Sie mit „Finish“.
5. Beachten Sie, dass nach Bestätigung dieser Konfiguration das Webinterface nicht mehr über den WAN/LAN-Port erreichbar ist. Um das Webinterface zu erreichen müssen Sie eine WLAN-Verbindung zum ALL-WR2901-4GV2 aufbauen.



2. Repeater-Modus

Beim Repeater-Modus verbindet sich der ALL-WR2901-4GV2 mit einem bestehenden WLAN-Netz und verbindet ein am LAN/WAN-Port angeschlossenes Gerät mit diesem. Gleichzeitig verlängert der Repeater-Modus die Reichweite des WLAN. Die Konfiguration erfolgt wie folgt:

1. Gehen Sie dazu im Webinterface zum Menüpunkt „Setup Wizard“ und wählen Sie den Modus „Repeater“.
2. Drücken Sie die Schaltfläche „Search“. Daraufhin werden Ihnen die WLAN-Netze in Ihrer Umgebung angezeigt.
3. Wählen Sie das passende WLAN-Netz aus und bestätigen Sie mit „Connect“. Tragen Sie das WLAN-Passwort ein. Bestätigen Sie mit „Next“.



PowerBank

Der ALL-WR2901-4GV2 kann als PowerBank für Smartphones, Tablets etc. verwendet werden.

Ladevorgang:

Schließen Sie das Smartphone/Tablet am USB-Anschluss an und stellen Sie den Schalter auf „C“.

Nun beginnt der Ladevorgang (5V/1A).

Sollte der Ladevorgang im Modus „C“ nicht beginnen, bewegen Sie den Schalter bitte auf „ON“.

Bitte beachten:

Bitte laden Sie den ALL-WR2901-4GV2 nicht gleichzeitig über den microUSB-Port, während Sie ein Smartphone/Tablet am USB-Port laden. Wenn diese Vorgänge gleichzeitig vollzogen werden, schaden Sie damit der Batterie.



Akku-Batterie des ALL-WR2901-4GV2 aufladen

Die rote LED der Ladekontrollanzeige wird rot aufleuchten, wenn der Akku aufgeladen wird. Wenn dieser vollgeladen ist wird die LED nicht mehr leuchten. Das dauert in etwa 8 Stunden. Mit einem Tastendruck auf den Akkustatus-Taster können Sie den momentanen Status des Akkus überprüfen.

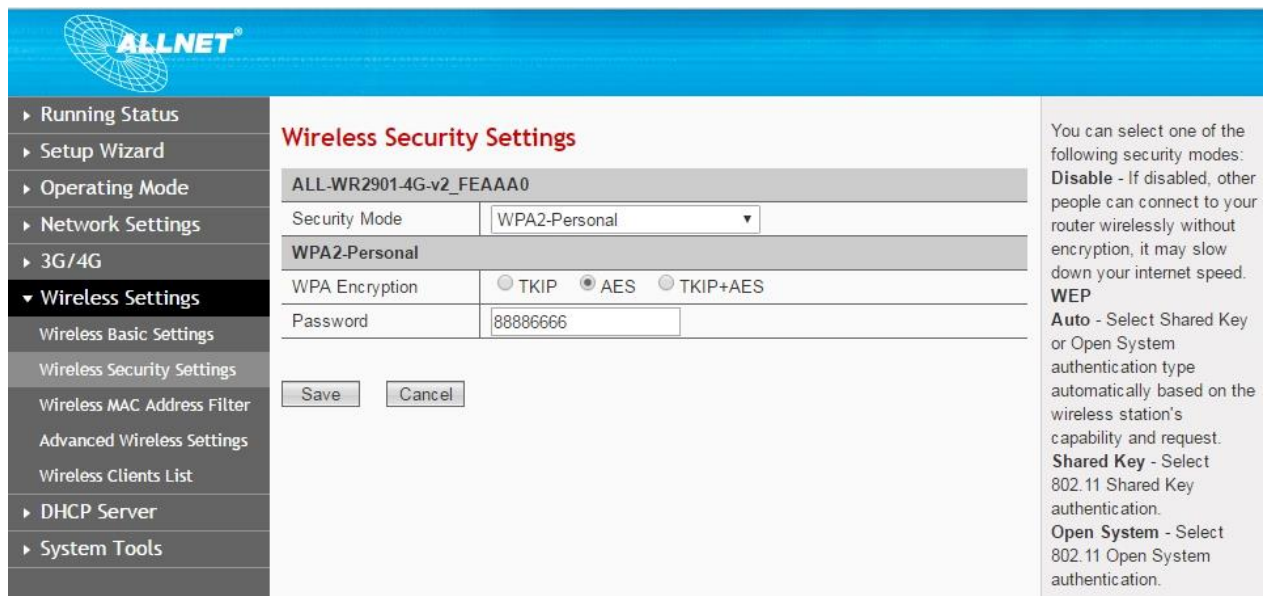
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WLAN-Verschlüsselung

Es ist dringend zu empfehlen, dass Sie das Standard-WLAN-Passwort „88886666“ nach dem ersten Login zu einem eigenem Passwort verändern.

Die Möglichkeit dazu finden Sie unter „Wireless Settings“ - “Wireless Security Settings” .

Tragen Sie im Feld „Password“ ein eigenes WLAN-Passwort ein, um Ihr WLAN zu schützen. Verwenden Sie dazu mindestens 8 Zeichen. Bestätigen Sie abschließend mit „Save“



The screenshot shows the ALLNET web interface for configuring wireless security. The left sidebar contains a navigation menu with the following items: Running Status, Setup Wizard, Operating Mode, Network Settings, 3G/4G, Wireless Settings (selected), Wireless Basic Settings, Wireless Security Settings, Wireless MAC Address Filter, Advanced Wireless Settings, Wireless Clients List, DHCP Server, and System Tools. The main content area is titled "Wireless Security Settings" and displays the following configuration:

- Device ID: ALL-WR2901-4G-v2_FEAAA0
- Security Mode: WPA2-Personal (dropdown menu)
- WPA2-Personal section:
 - WPA Encryption: TKIP AES TKIP+AES
 - Password: 88886666

At the bottom of the configuration area are "Save" and "Cancel" buttons. On the right side, there is a help text explaining the security modes:

You can select one of the following security modes:
Disable - If disabled, other people can connect to your router wirelessly without encryption, it may slow down your internet speed.
WEP
Auto - Select Shared Key or Open System authentication type automatically based on the wireless station's capability and request.
Shared Key - Select 802.11 Shared Key authentication.
Open System - Select 802.11 Open System authentication.

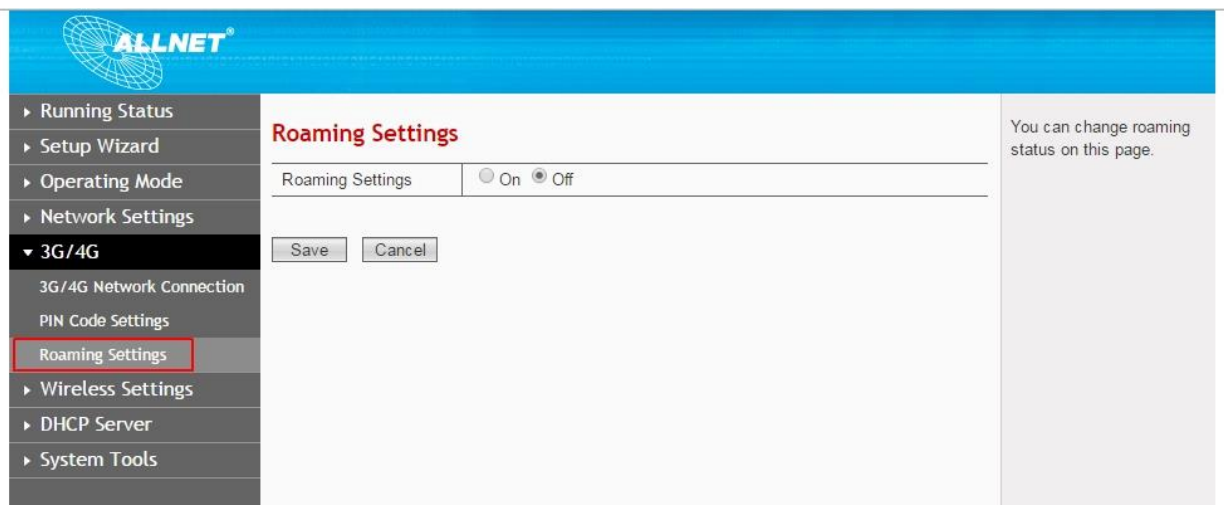
Roaming

Roaming bedeutet die Aufnahme einer Netzverbindung durch ein Mobilfunkendgerät über die SIM Karte **außerhalb** des Netzes seines Netzwerkproviders.

In diesem Fall wird das Handy automatisch nach dem nächsten verfügbaren Netzwerk suchen, egal ob im Inland oder Ausland.

Da mehrere Provider für diesen Vorgang benutzt werden, sind die Gebühren zum Teil **deutlich höher** als im Inland.

Beim ALL-WR2901-4Gv2 ist die Roaming-Funktion durch die Standardeinstellungen deaktiviert. Sollten Sie Roaming nutzen wollen, können Sie diese Einstellung unter „3G / 4G – Roaming Settings“ ändern.



Sicherheitshinweise

Beachten Sie unbedingt folgende Hinweise:

- Öffnen Sie niemals das Gerät.
- Führen Sie niemals eine Installation während eines Gewitters durch.
- Stellen Sie sicher, dass Leitungen stolper- und trittsicher verlegt werden.
- Betreiben Sie das Gerät niemals in die Nähe von Wärmequellen.
- Stellen Sie das Gerät niemals auf Oberflächen, die wärmeempfindlich sind.
- Schützen Sie das Gerät vor Nässe, Staub, Flüssigkeiten und Dämpfen.
- Verwenden Sie das Gerät nicht in Feuchträumen und keinesfalls in explosionsgefährdeten Bereichen.
- Verwenden Sie zur Reinigung keine lösungsmittelhaltigen Putzmittel, sondern lediglich ein weiches, trockenes Antistatik Tuch.
- Eine Reparatur darf nur durch geschultes, autorisiertes Personal durchgeführt werden.
- Bei nicht bestimmungsgemäßem Gebrauch ist eine Haftung durch ALLNET® ausgeschlossen.

Aufstellungs- und Montageort

Allgemein:

Das Gerät darf nur in trockenen Innenbereichen verwendet werden. Sorgen Sie für eine ausreichende Belüftung. Der Einbau hat so zu erfolgen, dass das Netzkabel nicht unter Zug ist, da dies sich sonst lösen könnte bzw. der Stecker beschädigt werden könnte.

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www.allnet.de/downloads.html

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ALL-WR2901-4GV2

Wireless N LTE-Router



User Manual

Default IP: 192.168.100.1

User: admin

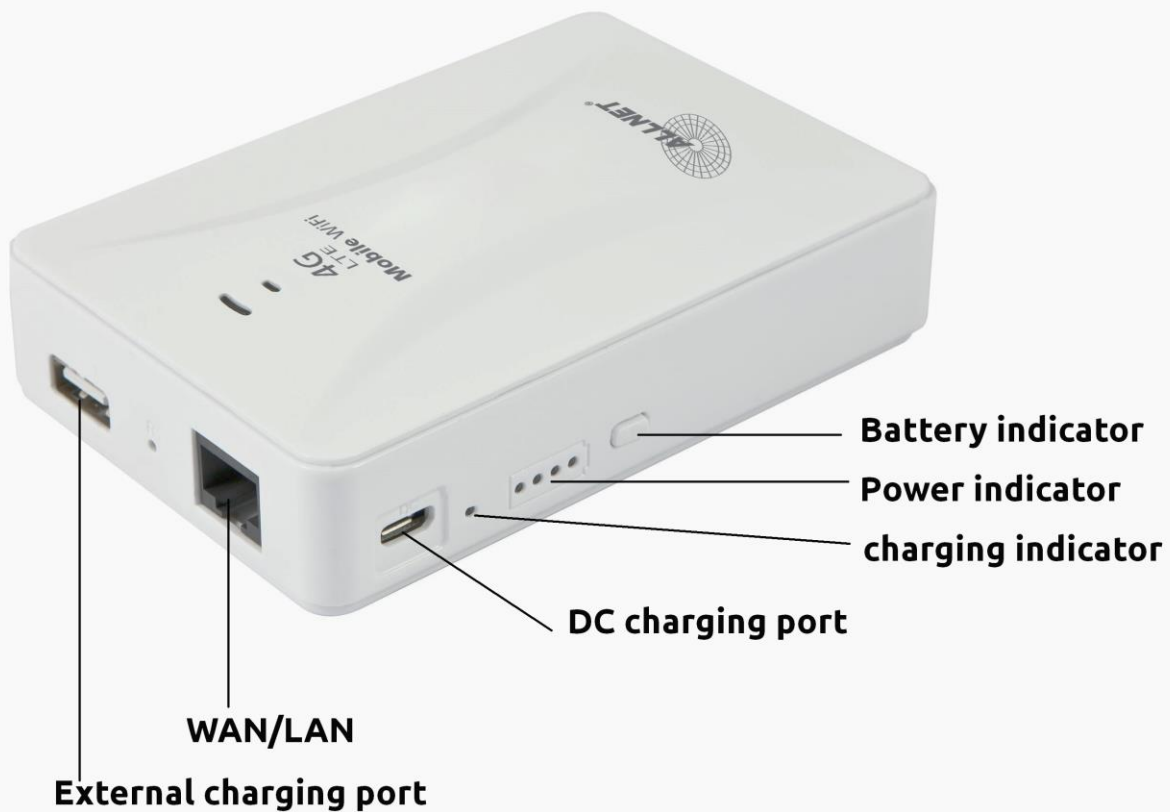
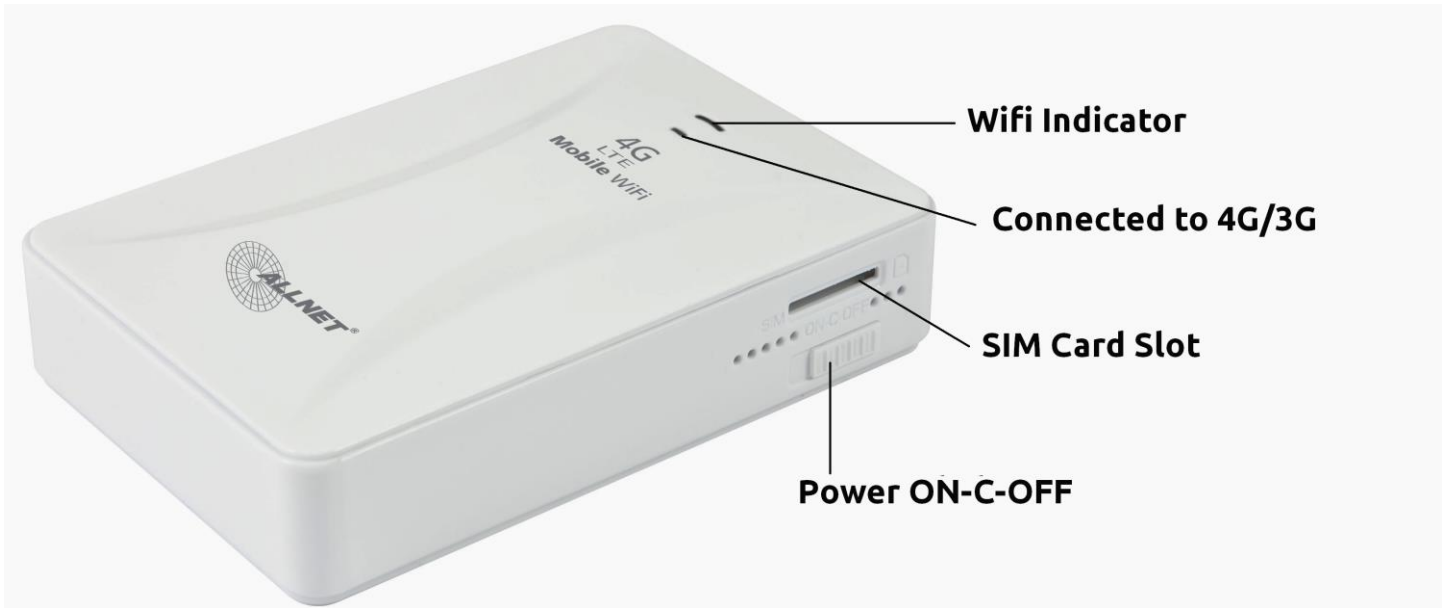
Password: admin

SSID: ALL-WR2901-4G-V2

Password: 88886666

Attention: Please change the default user & WLAN password immediately after your first login!

Appearance Description



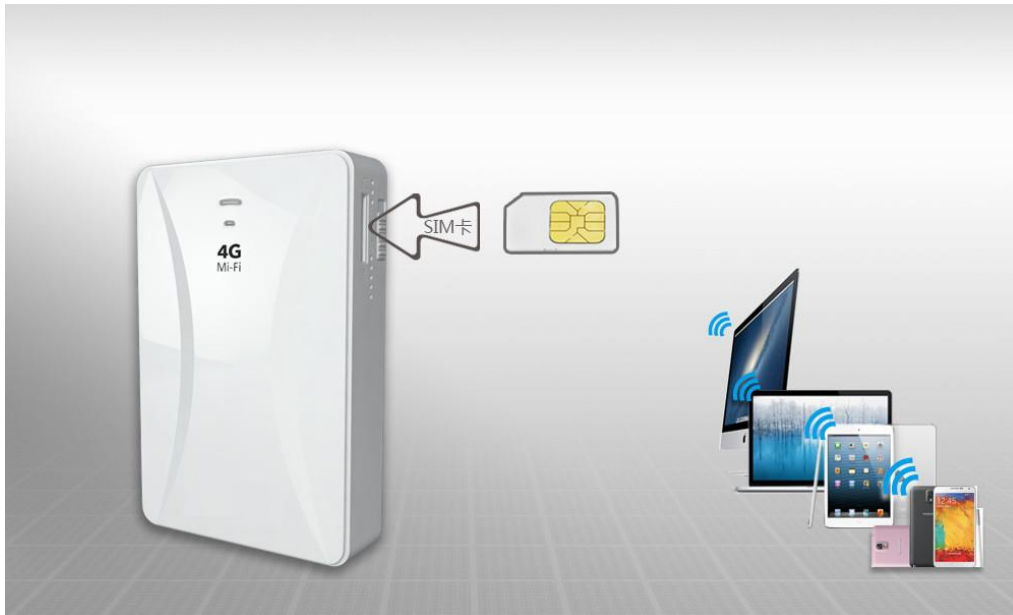
Description

Name	Status	Function Description
SIM Card Slot		For inserting SIM Card
Power switch	ON	start wireless ALL-WR2901-4GV2, switch to ON when access 3G, broadband wireless
	C	external charging mode. When charging the phone, it needs to switch to C
	OFF	turning off the wireless ALL-WR2901-4GV2
Battery indicator	one light on	battery level is around 20%
	two lights on	battery level is around 40%
	three lights on	battery level is around 80%
	four lights on	battery level is 100%, full power
System indicator	Blue	Blue light indicates network connection successfully. Blue light flashing indicates dialing
	Red	4G network is connected
Wi-Fi indicator		Flashing fastly means WiFi is transferring data
External charging port		USB Port is used for charging mobile phone or tablets; 5V/1A output
Reset hole		In the boot status, hold the R reset hole with a sharp object for 20 seconds. After 20 seconds the ALL-WR2901-4GV2 will restore the factory setting. All configuration will be cleared.
WAN/LAN		It is for broadband network connection, and also the interface can be connected with computer by network cable to access network
Charging indicator		When the ALL-WR2901-4GV2 is under charging, the red light is on;it will be off when power is full
DC charging port		The port is for charging ALL-WR2901-4GV2; 5V/1A input

LED Status

Item	Name	Status	Description	Function Introduction
1	Working status	One blue light, one red light	ALL-WR2901-4GV2 working status	(1) the blue light is lit and the red is out, it means 3G or cable broadband has been connected to internet; (2) the blue light and red light are lit, it means 4G is connected to internet ; (3) the blue light is flashing slowly and the red one is off, it means no SIM Card or the device didn't connect to internet
2	Wifi status	one blue light	Wifi working status	the light is lit continuously, wifi is on; the light is off, wifi is off; the light is flashing, wifi data is transmitting
3	Charging indicator	one red light	Charging working status	it is charging, the red light is lit continuously; It is charged, the red light is off
4	Power level indicator	four blue lights	to show the power level	represents the power level (probably) below 20%, 30%~45%, 60%~85%, 90%, four levels.

SIM Card Installation and Pop-ups



1. Start your Internet browser, type 192.168.100.1 into the address field and press Enter.
2. Use Username & Password: **admin**
3. Navigate to the menu "3G/4G" and open "PIN CODE Setting"
4. Change the Setting to "Enabled" and enter at "PIN" the PIN number of the SIM card.
5. Enter the SIM card at the SIM card slot with the metal side facing up.
6. If the automatic dialing (Auto) fail, you have to enter the data manually (Manual). Contact your SIM card provider to get the correct data. You will have to change the setting at "3G/4G Connection" to "Manually".

Remove the SIM Card Operation

Gently push the SIM Card a little, then loose it completely, you can eject the SIM Card

Attention:

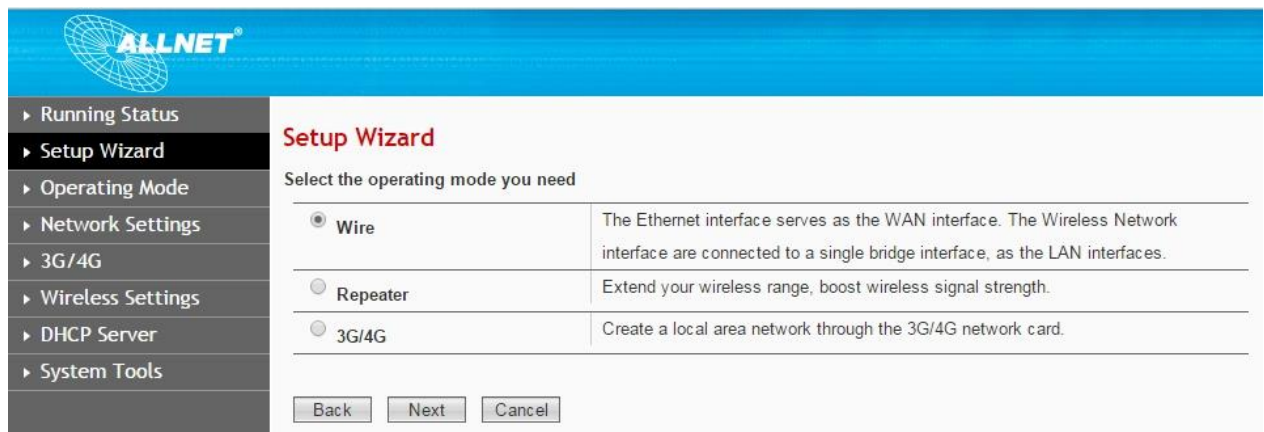
Reset your Connection settings BEFORE you insert a **new SIM card to avoid SIM card lock due to wrong pin code!**

3. Additional wireless modes of ALL-WR2901-4GV2

Access Point-Mode

If there is a LAN access to a network with Internet connection available, you can use the device as an access point.

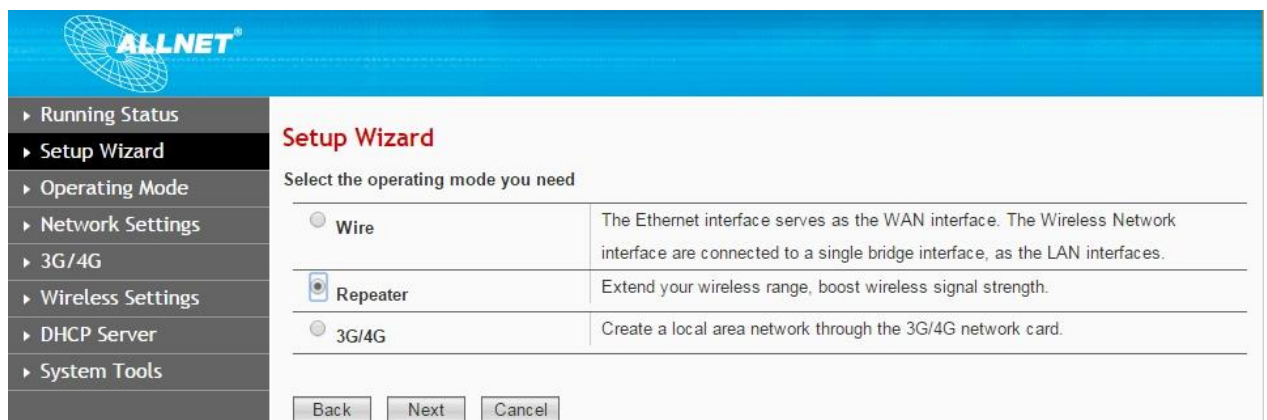
6. Go to the Web Interface menu item "Setup Wizard" and select the "Wire Mode".
7. Then select the WAN Connection Mode.
(For most networks "DHCP" is the right choice.)
8. Then configure your WLAN security.
9. The configuration is complete now. Confirm with "Finish"
10. Note that after confirmation of this configuration, the Web Interface is no longer accessible on the WAN / LAN port .
To reach the web interface you need a WLAN connection to the ALL-WR2901-4GV2.



4. Repeater-Mode

In the Repeater mode, the ALL-WR2901-4GV2 connects to an existing wireless network and connects one to the LAN / WAN port connected device with this WLAN. Also the connected WLAN range will be increased.

1. Go to the Web Interface menu item "Setup Wizard" and select the mode "Repeater".
2. Use the Button "Search" to scan the wireless networks in your area.
3. Select the appropriate wireless network and enter your wireless password. Confirm by clicking "Next".



PowerBank

The ALL-WR2901-4GV2 can be used as Power Bank for smartphones, tablets and more (using USB port).

Charging:

Connect the smartphone / tablet to the USB port and turn the switch to "C".

Now charging (5V / 1A) begins.

If charging mode "C" does not charge your device, move the switch to "ON".

Please note:

Please do not load the ALL-WR2901-4GV2 simultaneously via the microUSB port while charging a smartphone / tablet to the USB port. If these actions are carried out simultaneously, the battery will be harmed.



Battery recharge of ALL-WR2901-4GV2

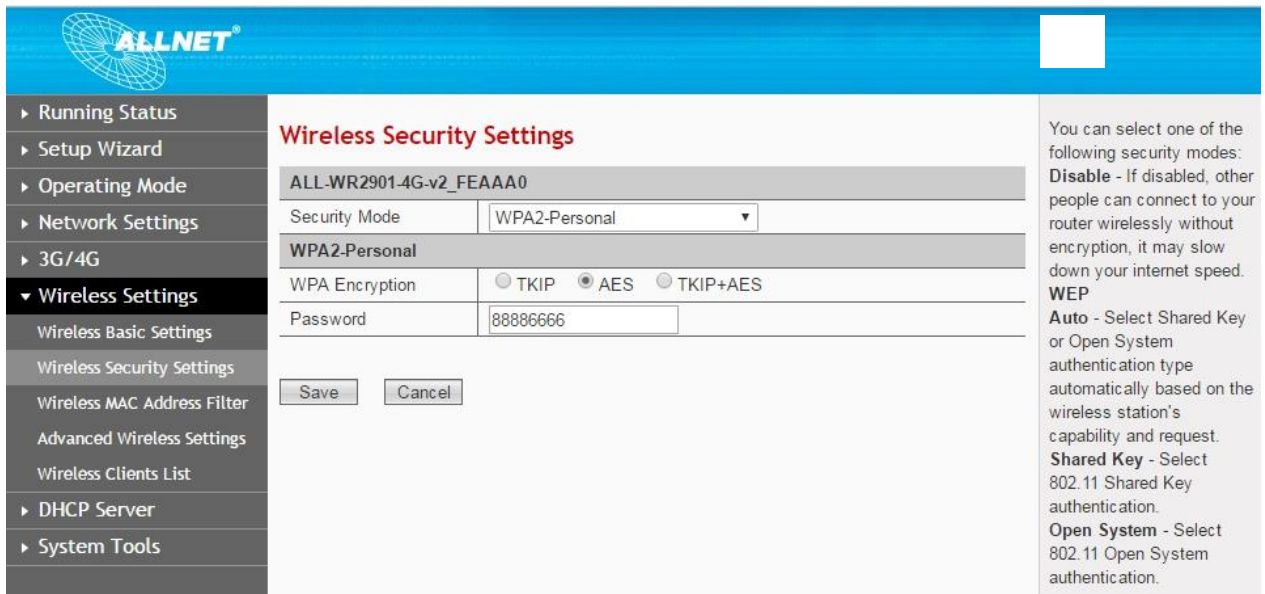
The red LED charging indicator will light red when the battery is charging. When fully charged the LED will not light. This takes about 8 hours. With one touch of the button, you can check the current status of the battery.

WLAN-Encryption

It is strongly recommended that you change the default wireless password "88886666" after the first login to a private password.

You can change the password at "Wireless Settings" - "Wireless Security Settings".

Enter into the "Password" field a private WLAN password to protect your wireless network. Use at least 8 characters. Confirm with "Save".



ALLNET

▶ Running Status
▶ Setup Wizard
▶ Operating Mode
▶ Network Settings
▶ 3G/4G
▼ **Wireless Settings**
Wireless Basic Settings
Wireless Security Settings
Wireless MAC Address Filter
Advanced Wireless Settings
Wireless Clients List
▶ DHCP Server
▶ System Tools

Wireless Security Settings

ALL-WR2901-4G-v2_FEAAA0

Security Mode: WPA2-Personal

WPA2-Personal

WPA Encryption: TKIP AES TKIP+AES

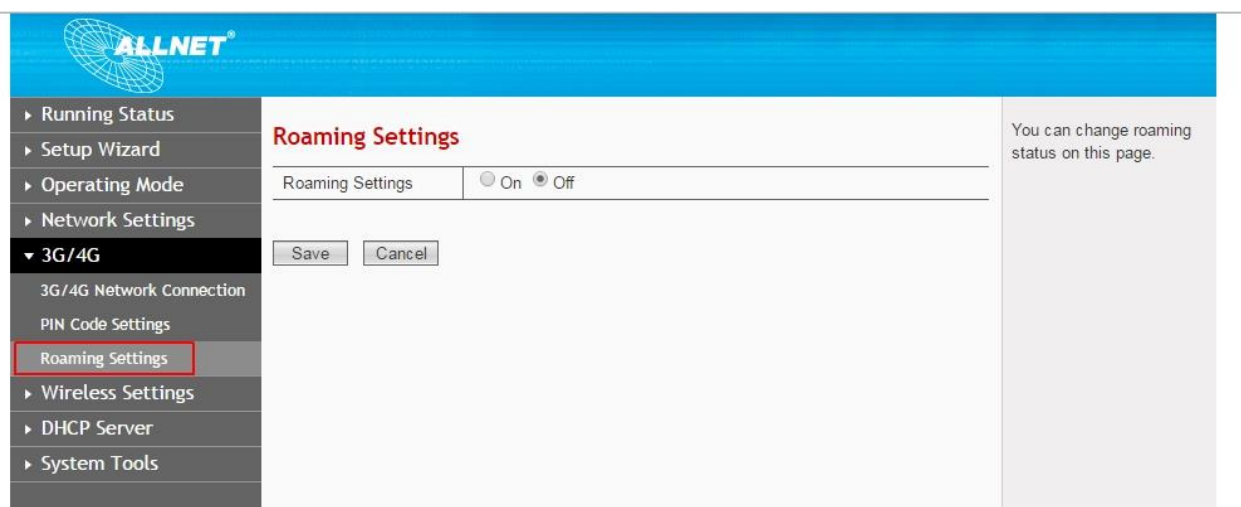
Password: 88886666

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WEP
Auto - Select Shared Key or Open System authentication type automatically based on the wireless station's capability and request.
Shared Key - Select 802.11 Shared Key authentication.
Open System - Select 802.11 Open System authentication.

Roaming

Roaming helps ensure that a traveling wireless device (typically a cell phone) is kept connected to a network without breaking the connection. In wireless telecommunications, Traditional Roaming is a general term referring to the ability for a cellular customer to automatically make and receive voice calls, send and receive data, or access other services, including home data services, when travelling outside the geographical coverage area of the home network, by means of using a visited network. For example; should you travel beyond your cell phone company's transmitter range, your cell phone would automatically hop onto another phone company's service, if available.

At default settings the roaming functionality is disabled on ALL-WR2091-4Gv2. If you want to use roaming, you can change this setting under "Network - Internet Settings - 3G / 4G Mode- Roaming"



Safety Warnings

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.

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Version 2, June 1991

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