

Eminent EM4450

Handleiding instellen DHCP op de Eminent EM4450.



1. Inloggen op de router

Om in te kunnen loggen op de router opent u de webbrowser en gaat u naar het volgende adres: <http://192.168.1.1>

Er wordt gevraagd om een gebruikersnaam en wachtwoord om in te loggen op de router. Hier vult u bij Gebruikersnaam en Wachtwoord "admin" in.



The screenshot shows a Windows-style dialog box titled "Connect to 192.168.1.1". It features a blue header with a key icon. The main text reads: "The server 192.168.1.1 at EMINENT EM4450 requires a username and password." Below this is a warning: "Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection)." There are two input fields: "Gebruikersnaam:" with a dropdown menu showing "admin" and a user icon, and "Wachtwoord:" with a masked password field (dots). A checkbox labeled "Dit wachtwoord onthouden" is checked. At the bottom are "OK" and "Annuleren" buttons.

Hierna krijgt u de statuspagina van de router te zien.

EMINENT EM4450 Wireless Router 54Mbps

The screenshot displays the configuration interface for the Eminent EM4450 Wireless Router. On the left is a navigation menu with options like Status, Basic Settings, Quick Setup, Network, Wireless, Advanced Settings, DHCP, Forwarding, Security, Static Routing, Dynamic DNS, Maintenance, and System Tools. The main content area is titled 'Router Status' and is divided into four sections: Firmware and Hardware versions, LAN settings, Wireless settings, and WAN settings. The LAN section shows MAC and IP addresses. The Wireless section shows the radio is enabled, with SSID 'eminent', channel 6, and 54Mbps mode. The WAN section shows MAC and IP addresses, with a 'Dynamic IP' dropdown menu and a 'Release' button. On the right, a 'Router Status Help' panel provides detailed explanations for the LAN, Wireless, and WAN parameters.

Router Status	
Firmware Version:	3.5.1 Build 070321 Rel.60931n
Hardware Version:	EM4450 V1.0 081520EF
LAN	
MAC Address:	00-14-5C-80-D9-E8
IP Address:	192.168.1.1
Subnet Mask:	255.255.255.0
Wireless	
Wireless Radio:	Enabled
Name (SSID):	eminent
Channel:	6
Mode:	54Mbps (802.11g)
MAC Address:	00-14-5C-80-D9-E8
IP Address:	192.168.1.1
WAN	
MAC Address:	00-14-5C-80-D9-E9
IP Address:	192.168.100.10 Dynamic IP
Subnet Mask:	255.255.255.0
Default Gateway:	192.168.100.1 Release
DNS Server:	0.0.0.0 , 0.0.0.0

Router Status Help

The **Status** page displays the router's current status and configuration. All information is read-only.

LAN: The following is the information of LAN, as set on the **Network** -> **LAN** page.

- **MAC Address** - The physical address of the router, as seen from the LAN.
- **IP Address** - The LAN IP address of the router.
- **Subnet Mask** - The subnet mask associated with LAN IP address.

Wireless: These are the current settings or information for Wireless, as set on the **Wireless** -> **Wireless Settings** page.

- **Wireless Radio** - Indicates whether the wireless radio feature of the router is enabled or disabled.
- **SSID** - SSID of the router.
- **Channel** - The current channel in use.
- **Mode** - Indicates the current mode (54Mbps (802.11g), 11Mbps (802.11b)). If displayed 54Mbps (802.11g), it is compatible with 11Mbps (802.11b).
- **MAC Address** - The physical address of the router, as seen from the Wireless LAN.
- **IP Address** - Wireless LAN IP address of the router.

WAN: The following parameters apply to the WAN (Internet) port of the router. You can configure them on the **Network** -> **WAN** page

2. De verbinding instellen

U klikt in het linker menu op de optie "Network".

U klikt nu op de optie WAN.

Zorg ervoor dat "WAN Connection Type" op "Dynamic IP" staat.

Klik daarna op "Save"

WAN

WAN Connection Type:

Host Name:

IP Address: 192.168.100.10

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.100.1

MTU Size (in bytes): (The default is 1500, do not change unless necessary.)

Use These DNS Servers

Primary DNS:

Secondary DNS: (Optional)

Get IP with Unicast DHCP (It is usually not required.)

WAN Help

WAN Connection Type:

If your ISP is running a DHCP server, select the **Dynamic IP** option.

If your ISP provides a static or fixed IP Address, Subnet Mask, Gateway and DNS setting, select the **Static IP** option.

If your ISP provides a PPPoE connection, select **PPPoE** option.

If your ISP provides IEEE802.1X connection, please select **802.1X+Dynamic IP** or **802.1X+Static IP** option.

If your ISP provides BigPond Cable (or Heart Beat Signal) connection, please select **BigPond Cable** option.

If your ISP provides L2TP connection, please select **L2TP** option.

If your ISP provides PPTP connection, please select **PPTP** option.

Host Name - This field is required to be filled by some service provider.

IP Address - The IP address assigned by your ISP dynamically.

Subnet Mask - The subnet mask assigned by your ISP dynamically.

Default Gateway - The default gateway assigned dynamically by your ISP.

3. Draadloos configureren

U klikt nu op "Wireless" en hierna op "Wireless Settings".

U stelt de volgende opties in en klik hierna op Save:

SSID	voer een nieuwe naam in. Deze naam is niet geheim maar zorg er wel voor dat deze voor u herkenbaar is.
Region	"Netherlands"
Channel	Voer hier "6" in.
Mode	"54Mbps (802.11g)"
Enable Wireless Router Radio	Vink deze aan
Enable SSIS Broadcast	Vink deze aan
Enable Wireless Security	Vink deze aan
Security Type	WPA-PSK/WPA2-PSK
Security Option	Automatic
Encryption	Automatic
PSK Passphrase	Voer hier een geheim wachtwoord in en bewaar deze goed. Deze heeft u nodig om elke computer afzonderlijk te verbinden.

Group Key Update Period

"30"

EMINENT EM4450 Wireless Router 54Mbps

Wireless Settings

SSID: eminent

Region: Netherlands

Warning: Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

Channel: 6

Mode: 54Mbps (802.11g)

Enable Wireless Router Radio

Enable SSID Broadcast

Enable Wireless Security

Security Type: WPA-PSK/WPA2-PSK

Security Option: Automatic

Encryption: Automatic

PSK Passphrase: caiway12345
(The Passphrase is between 8 and 63 characters long)

Group Key Update Period: 30 (in second, minimum is 30, 0 means no update)

Wireless Settings Help

Note: The operating distance or range of your wireless connection varies significantly based on the physical placement of the router. For best results, place your router.

- Near the center of the area in which your wireless stations will operate.
- In an elevated location such as a high shelf.
- Away from the potential sources of interference, such as PCs, microwaves, and cordless phones.
- With the Antenna in the upright position.
- Away from large metal surfaces.

Note: Failure to follow these guidelines can result in significant performance degradation or inability to wirelessly connect to the router.

SSID - Enter a value of up to 32 characters. The same Name (SSID) must be assigned to all wireless devices in your network. The default SSID is **eminent**, but it is strongly recommended that you change your networks name (SSID) to a different value. This value is case-sensitive. For example, **MYSSID** is NOT the same as **MySSID**.

Region - Select your region from the pull-down list. This field specifies the region where the wireless function of the router can be used. It may be illegal to use the wireless function of the router in a region other than one of those specified in this field. If your country or region is not listed, please contact your local government agency for assistance.

Channel - This field determines which operating frequency will be used. It is not necessary to

De router is nu geconfigureerd en klaar voor gebruik.