

# IP Address + PROFINET Name Assignment to AS-Interface Gateway VBG-EP1-KE5-D/DMD

Quick Start Guide



Click or Scan

EtherNet/IP™



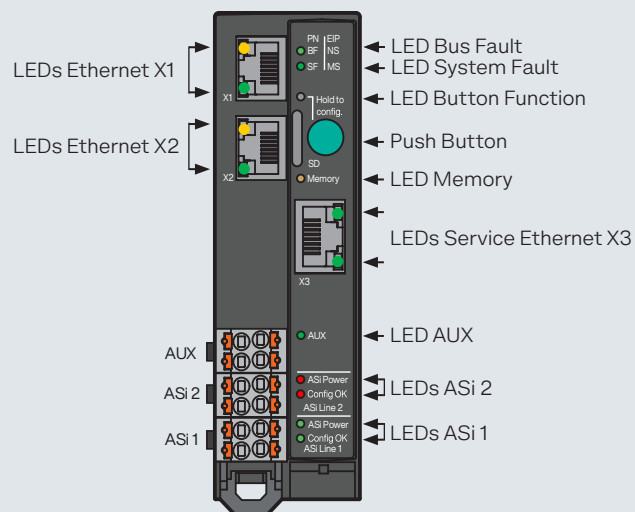
This Quick Start Guide explains the assignment of an IP address and a PROFINET name to the VBG-EP1-KE5-D/DMD for PROFINET communication with the PLC

## Setting the IP Address for VBG-EP1-KE5-D/DMD for PROFINET with PRONETA

PRONETA is a simple PROFINET discovery and configuration tool from Siemens.

The basic version can be downloaded free of charge with the link or scan below.

Scan or Click QR code for  
**PRONETA configuration  
tool from Siemens**



## Procedure

- 1 First, verify that the VBG-EP1-KE5-D/DMD is set to PROFINET and not to EtherNet/IP. The SF LED should be solid green, the BF LED should be flashing red and all power lights should be solid green.

If this is not the case, use the Protocol Change Quick Start Guide to make the change.

- 2 Connect an Ethernet cable from your PC Ethernet adapter to the X1 or X2 Ethernet port located on the top left front panel of the VBG-EP1-KE5-D/DMD.

Verify that the link light is a solid green.

The amber link light flashes when there is data transfer between the two ports.

- 3 Open PRONETA and select the appropriate network interface.

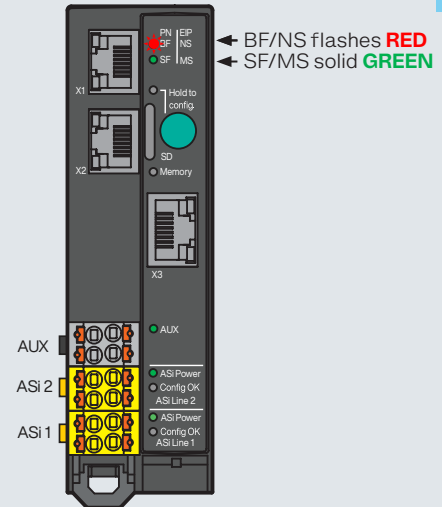
Then select the Network Analysis option.

The VBG-EP1-KE5-D/DMD gateway should appear in the graphical view and the device table with the MAC address.

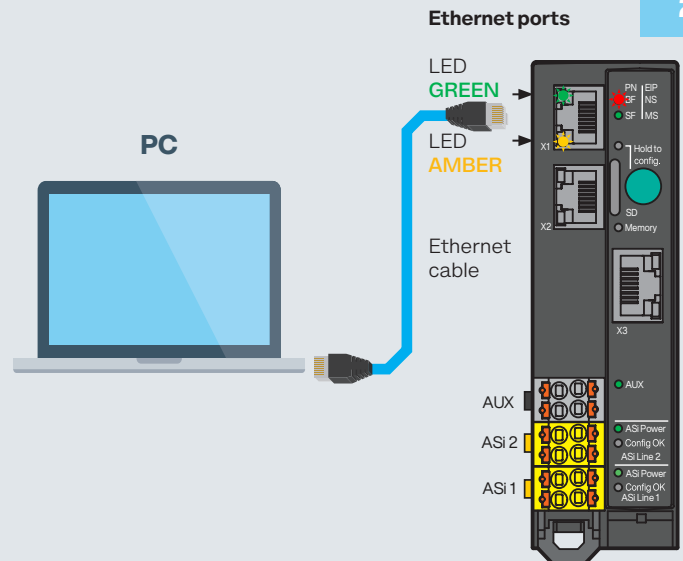
The MAC address displayed should be compared to the X1/X2 MAC address that is on the label on the gateway.

If this is not the case, please check the firewall settings.

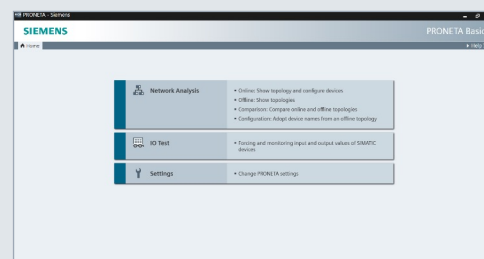
Step  
1



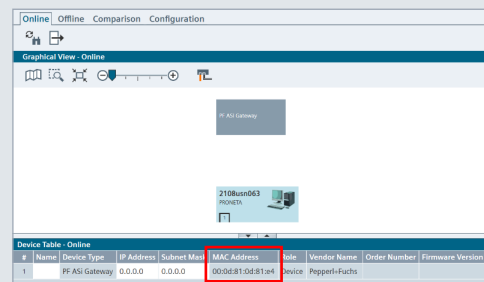
Step  
2



Step  
3

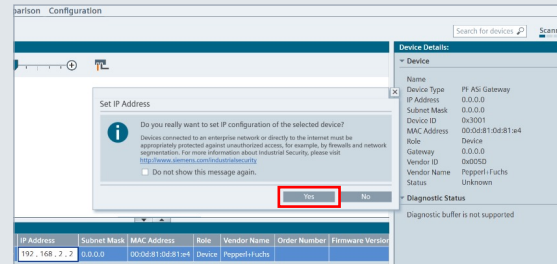


Select the appropriate network interface



MAC address compared to the label on gateway

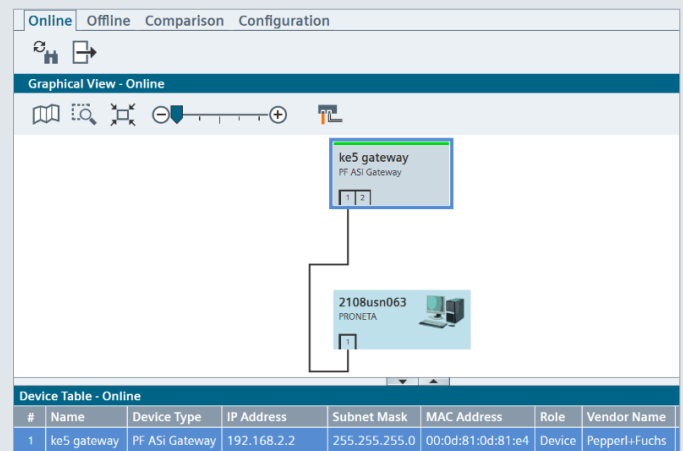
- 4 Enter the desired IP address and PROFINET name for the device in the device table and click 'Yes' when a confirmation message is displayed.



Step  
4

Click  
'Yes'

- 5 Once the IP address is assigned, use the web browser to connect to the gateway.

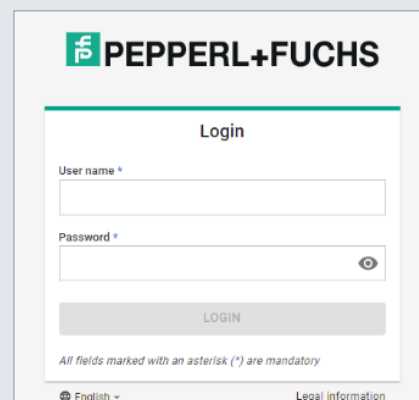


Step  
5

- 6 Enter the IP address in the address bar and use the user name and password to log in.

The default user name and password are listed on the side sticker of the VBG-EP1-KE5-D/DMD gateway.

Proceed the configuration of the ASi network as required.



Step  
6

The default user  
name and password  
are listed on the side  
sticker of the unit

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