

Installation guide for innovaphone gateways

Set-up



When installing the device, please ensure it has sufficient ventilation, especially when the device is installed in a closed cabinet. Devices can be stacked on one another. A special frame for 19" racks is available for mounting 2 devices in one height unit.

The device is only designed for use in dry rooms. Operating temperature is between 0 °C and 40 °C with relative humidity of 10 % to 90 % (non-condensing). If the device comes from environments beyond this range, please wait until the device has adapted to the new environment before using.



Reduce the risk of accidents by laying the connecting cables carefully. Take care not to bend, pull or put too much mechanical strain on all connecting cables.

Power supply



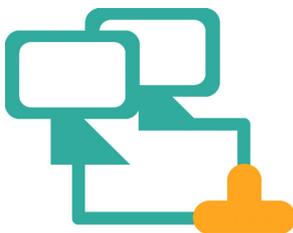
The power supply may, depending on the device type, have an internal or external mains adapter. All innovaphone gateways can also use Power over Ethernet (PoE) according to IEEE 802.3af, to get their electricity over the network. All types of electrical power can be connected simultaneously and can replace each other if one power source fails.

When used with the mains adapter, the device is designed for an AC network with 100V-240 V and 50 Hz. Never attempt to connect the device to other mains supplies. Use only the mains adapter and power cable which have been supplied with the gateway. Other mains adapters and power cables could damage the device.

Ready ●

The device is switched on as soon as it is connected to the power supply and the LED labelled Ready is illuminated. The device cannot be operated if the network fails. However the device maintains its settings.

Configuration



Use the Ethernet cable to connect the device to your network. Device configuration takes place over a web browser using the device's IP address.

The gateway has its factory default settings the first time you switch it on. It tries to configure the IP parameters over DHCP. Ask your network administrator whether your network has a DHCP server. If the device cannot find a DHCP server in the network, it can be reached via the IP address 192.168.0.1.

The IP address is necessary for configuration using the web browser. You can determine which IP address has been assigned over DHCP with the help of the MAC address. Your gateway's MAC address can be found on the sticker at the back of the device. Ask your network administrator to name the IP address assigned to this MAC address.

Using a Windows PC, you can also carry out the configuration with the gateway's NetBIOS name instead of the IP address. The name is made up of the device model and part of the MAC address as follows: $IPxxx-yy-yy-yy$, whereby the symbol x should be replaced with the gateway model and the symbol y with the last three Byte of the gateway's MAC address (example: IP800-06-14-B3).

You can use the web browser to complete the installation. Start the web browser and connect it with your gateway's NetBIOS name or IP address in the address field.

Wizard



The configuration is password protected. The user name in the standard configuration is admin and the password is ip6000, ip800, ip305 or ip302, dependent on the device. The browser goes to the configuration wizard the first time it is accessed. The wizard has several requests on the pages which follow. Once this has been successfully completed, the gateway should be ready for operation. If you do not need the wizard, change the address line after the NetBIOS name or the IP address to /administrator.htm.

You can define the log-in parameters for the network IP address, network mask, standard gateway and VLAN ID on the first page of the Wizard. If these fields are left empty, the gateway is configured as a DHCP client. To avoid unauthorised access you should also change the configuration log-in details on this page.

The second page of the wizard enables the license file to be imported. If you do not have a current license, it is possible to input this at a later date in the general area under license.

The next pages direct you through the innovaphone PBX configuration and its trunk lines. The PBX configuration differs in the master and slave modes. Allocate a system name for all PBX installations in the group and a dedicated name for this PBX. In the slave mode you enter the log-in parameters for the master. In the master mode you can enter the number of out-going lines (trunk lines) and set up the first subscribers. Enter your trunk connection details in the following gateway configuration. The next page enables you to configure trunk access via SIP.

The settings are again shown to you on the last page of the wizard. Please check them. You are able to go back and make changes to settings made on previous pages. End the Wizard by pressing Finish. After the reset you will be forwarded to the device's general administration.



Further information on the configuration of your gateway can be found under <http://wiki.innovaphone.com>.

Reset



You can restore factory settings at any time by pressing the Reset button for longer than 5 seconds. This is equivalent to the Ready LED blinking about 15 times. The device then goes into TFTP mode. This mode is shown by the Ready LED blinking every two seconds or an orange coloured LED, dependent on the device model.

You need to switch the power supply off and on once in order to go back to the original settings. You can also operate the device in the DHCP server mode by performing a short reset (pressing reset button for less than one second) instead of switching it off.