



Interfaces and IP

The Network Interface menu lists the available interfaces and in the grandMA3 hardware, it can be used to change the settings.

Open the Network Interface Menu

1. Press **Menu**.
- Opens the **menu select pop-up**.
2. Tap **Network**.
- Opens the Network menu.
3. Tap **Interfaces**.
- Opens the Network Interfaces menu:

Network Interfaces								
	No	Name	Link	DHCP	IP	Mask	IPv4Gateway	MAC
Stations	1 (1)	Con1	Yes	No	192.168.1.38	255.255.255.0		E4:4F:29:00:90:13
	2 (1)	Con2	Yes	No	2.33.144.18	255.0.0.0		E4:4F:29:00:90:12
Keys	3 (1)	Con3	No	Yes	169.254.144.17	255.255.0.0		E4:4F:29:00:90:11
	4 (1)	imx6	Yes	No	192.168.33.1	255.255.255.0		E4:4F:29:00:90:10
Interfaces	5 (1)	loopback	Yes	No	127.0.0.1	255.0.0.0		

See the *Network Interfaces*



Restriction:

If you see an interface with "imx6" then it is for internal communication inside the console. Do not make any changes to this interface.

Every cell with a light gray background can be edited.

The grandMA3 consoles have three network interfaces, with connectors on the rear panel, that can be used to **connect with external equipment**. The connectors are named **Con1**, **Con2**, and **Con3** in the Network Interface menu.

In the grandMA3 onPC, it is not possible to edit the IP addresses in the Network Interface menu. This needs to be done in the computer operating system.

The **Link** column displays if there is an active connection on the interface.

The **MAC** column displays the MAC address for each interface.

What is DHCP

DHCP is a system where IP addresses are distributed from a DHCP server. If this is On (the field says "Yes"), then it is not possible to set the IP address locally.



Edit the field to turn On or Off DHCP on the console.

Set the IP address in the console

1. Navigate to the Network Interfaces menu (read above).
2. Make sure DHCP is turned Off (the field says "No") for the network connector (read above).
3. Edit the IP field and write the new IP address (IPv4 only).
4. Edit the Mask field and write the subnet mask (CIDR input is not valid).
5. Optionally edit the IPv4Gateway field to set a gateway address if needed.

The changed IP address is used without the need for a reboot.