

Matrox Monarch Device Setup

Initial setup

Step 1 Powering up the Monarch and setting the IP mode

When you power up the Monarch for the first time, the device will be in DHCP IP mode for connecting to a DHCP-enabled network (such as through a router). If your network is not DHCP-enabled, you must force the Monarch to boot in Static IP mode (169.254.1.11)*. To power up and connect your Monarch device, connect the external power supply to an AC outlet. Power-up begins and the following occurs depending on your Monarch:

	DHCP (Default behavior)	*Set to Static IP (Optional)	Ready to use when...
Monarch HD	All LEDs illuminate	To set device to Static IP mode, press RECORD on the device when the Record LED flashes for three seconds	All LEDs are off except for Power (⏻), Stream, Record, and USB 1
Monarch HDX	Various LEDs, including the Warning (⚠)LED, flash on and off	To set device to Static IP mode, press ENCD 2 on the device when the Encoder 2 LED flashes for three seconds	The Warning (⚠) LED stops flashing. If the Warning LED remains on, consult the user guide for your Monarch device for information.
Monarch LCS	Various LEDs, including the Warning (⚠)LED, flash on and off	To set device to Static IP mode, press ENCD on the device when the ENCD LED flashes for three seconds	

Note When you power off the Monarch, the device maintains the previously-selected IP mode.

Step 2 Connecting to the network and finding the IP address

This is how to connect your Monarch device to a network with or without a DHCP server, and how to find the Monarch's network IP address.

On a network with a DHCP server

The DHCP server assigns the IP address. Use one of the following options to find the assigned IP address:

- **HDMI monitor** Connect an HDMI monitor to the Monarch's HDMI output, and then power up the device. The IP address is displayed on-screen for about 30 seconds before the passthrough signal is displayed.
- **USB device** Connect a USB device to the Monarch's USB 2 port, and then reboot the device. The device's current IP address and status will be automatically copied to the USB device as a *.txt* file.
- **Matrox Monarch Utils** Use the Monarch Utils application (available for HD, HDX and LCS on both Mac OS and Windows), which is useful when you are not physically near the device:
 - a Connect an Ethernet cable from the Monarch's LAN port to a network port.
 - b Download the appropriate Matrox Monarch (HD, HDX, LCS) Utils from the Matrox website at www.matrox.com/video/support, and then copy it to a computer that is on the same network subnet as your Monarch device.

- c Double-click the downloaded Utils application file to open the application. If Universal Plug and Play (UPnP) is enabled on your network, Utils will automatically scan for Monarch devices. To scan manually, click the **Find All** button.

All devices on the same subnet as your computer will be displayed with their IP addresses and other information.

On a network without a DHCP server

Without a DHCP server, an IP address is not assigned to the Monarch device. You must assign a static IP address and then configure your computer's network to allow a connection between your computer and the Monarch. The default IP address 169.254.1.11 is provided when in Static IP mode.

- 1 Connect the Monarch to your computer using one of the following methods:
 - Connect an Ethernet cable from the Monarch's LAN port to your computer's Ethernet port.
 - Connect an Ethernet cable from the Monarch's LAN port to your computer's network switch.
- 2 Change your computer's IP address and subnet mask to the following:
 - **IP address** 169.254.1.10
 - **Subnet mask** 255.255.0.0

This is how your computer will be able to connect to the Monarch's default static IP address. For more information on how to change these settings on your computer, see your operating system's documentation.

If you have multiple Monarch devices on the same network, they must each have unique IP addresses. You can change the IP address from the Command Center.

Step 3 Accessing the Command Center

The Command Center is where you configure and control a single Monarch device, or multiple Monarch devices on the same network, where applicable. You must have a Monarch IP address to access the Command Center.

- 1 Access the Command Center by using one of the following methods:
 - From your web browser, enter the Monarch device IP address in the address field, and then press **ENTER**.
 - If you have Utils open, you can double-click any of the listed devices to open the Command Center for that device.
- 2 Log in to the Command Center. Click a menu item on any Command Center page other than the **Status** page, and then enter the default **Username** (admin) and **Password** (admin).
- 3 Connect your input/output devices to the Monarch, then configure it as needed (see the documentation for your Monarch device available at www.matrox.com/video/support).

Getting the latest firmware, documentation, and utilities

To ensure that you have the latest firmware for your Monarch device, firmware updates are available on our website at www.matrox.com/video/support. You can view the current firmware version of your Monarch device in the Command Center (**Device > About**).