

Control® DeviceMaster® Setup

The Control® DeviceMaster® connects to the MC1-MK over Ethernet and provides a number of RS-232/422/485 serial ports. This document describes how to set up the MC1-MK and the DeviceMaster to work together.

Requirements

- Control® DeviceMaster® Port Expander
- Ethernet interface cables

Control® DeviceMaster® Pinouts

Pin	RS-232	RS-422
1	CD	n/c
2	Rx	RxA (Rx-)
3	Tx	TxA (Tx-)
4	DTR	n/c
5	Ground	n/c
6	DSR	n/c
7	RTS	TxB (Tx+)
8	CTS	RxB (Rx+)
9	RI	n/c

DeviceMaster Setup

This procedure assumes that a DeviceMaster is already installed in your facility. If not, or if you are encountering difficulties configuring your DeviceMaster via a Web Browser, it is recommended to use the Control® PortVision® software to set up your DeviceMaster. Refer to your DeviceMaster documentation for details on using this software or for troubleshooting your installation.

To set up a DeviceMaster

1. On your computer, open your Web Browser and, in the address bar, enter the IP address of your

DeviceMaster and press **Enter**. The default address is **192.168.250.250**.

2. Click **Configure Network**.
3. Click **Use static configuration below:** and enter the IP Address, Netmask, and Gateway you want to use. A static IP Address is recommended for the DeviceMaster to communicate with the MC1-MK.
4. Click **Save**. Changes do not take effect until the DeviceMaster is rebooted.
5. Click **Port x**, where **x** is the port on the DeviceMaster you are connecting a device to.
6. Enter the Serial Configuration information for your device.
7. Enter the TCP Connection Configuration information for your device:
 - **Enable** — selected
 - **Listen** — selected
 - **Port** — Ross Video suggests that you start numbering the ports at **8701**.
 - Leave all other settings at their default values.
8. Click **Save**. Changes do not take effect until the DeviceMaster is rebooted.
9. Reboot the DeviceMaster.

MC1-MK Setup

This section outlines how to configure the MC1-MK to communicate with the Control® DeviceMaster® via an ethernet protocol.

To set up communications

1. From the **Tree View** in DashBoard, expand the node for the MC1-MK you want to access.
2. Select the **Configuration** node to display the interface in the right-half of DashBoard.
3. Select the **Config** tab.
4. Select the **Remote Control** tab located at the bottom of the **Config** tab.
5. From the **Ethernet Port** area select the protocol your device is using to communicate with the DeviceMaster.
6. From the **Role** menu, select **Client**.

7. From the **Protocol** menu, select **TCP**.
8. From the **IP Address** menu, specify the IP Address of the DeviceMaster.
9. From the **Port** menu, specify the port number for the DeviceMaster.
10. Select the **Enabled** box.

Compatibility

	Version
Control DeviceMaster Socket Server	7.31
Control PortVision Plus	4.08
MC1-MK	3.0, 3.1, 4.0