

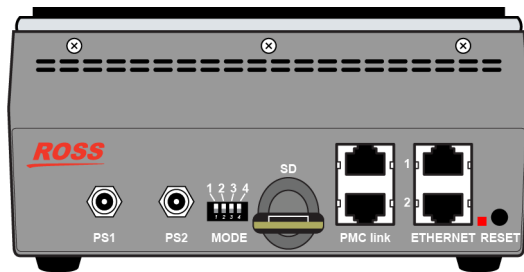
## Ross SideStick

The SideStick module is an optional OverDrive companion module that works in conjunction with the DirectCamera™ interface of DirectControl to control robotic cameras connected to the switcher in an OverDrive system.

### Cable Connections

In an OverDrive system, a SideBox module connects to the system through your local area network. You can connect up to 15 SideBox modules to an OverDrive system. SideBox modules include SideShot, SideSlide, and SideStick modules.

Each SideStick module has connectors for a primary (PS1) and a secondary (PS2) power supply, two Panel Module Controller (PMC) link ports, and two Ethernet ports on the back of the module.



SideStick Module Cable Connections

Use the following procedure to cable a SideStick module:

1. Connect and secure one of the supplied 12V DC power supplies to the **PS1** connector on the back of the SideStick module before connecting the power supply to the AC mains power.
- ★ Connecting the power supply to the AC mains power before connecting to the SideStick module could damage the module.
2. Connect the power supply to the AC mains power.
3. Use an **Ethernet** cable to connect the SideStick module **ETHERNET 1** port to your local area network. For setup, you should connect your SideStick module to the same subnetwork as your Caprica Server.

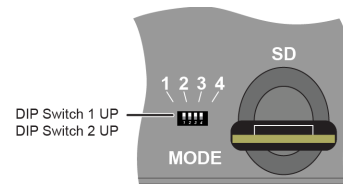
### Network Connection Configuration

Use the following procedure to configure the network connection between the SideStick module and your local area network:

1. Use one of the following procedures to set the DIP Switches on the back of your SideStick module to match how your network sets IP addresses:

#### DHCP Enabled Network

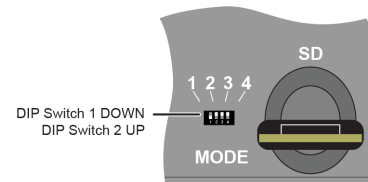
- a. Disconnect the SideStick module power supply from the AC mains power.
- b. On the back of your SideStick module, set DIP Switches **1** and **2** to the **UP** position to put the SideStick module in **User Set Static IP Address** mode.



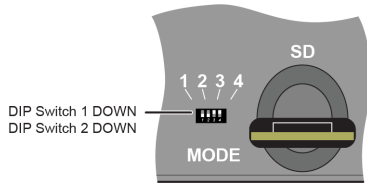
- c. Reconnect the SideStick module power supply to the AC mains power to reboot the module in **User Set Static IP Address** mode.

#### Network Without DHCP

- a. Disconnect the SideStick module power supply from the AC mains power.
- b. On the back of your SideStick module, set the DIP Switches to assign one of the following Factory IP addresses to the SideStick:
  - **192.168.2.10** — set the SideStick DIP Switch **1** to the **Down** position and DIP Switch **2** to the **UP** position.



- **10.1.2.10** — set the SideStick DIP Switches **1** and **2** to the **DOWN** position.

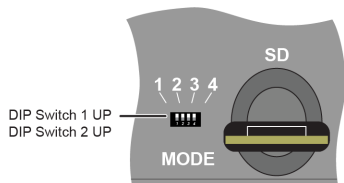


Both Factory IP addresses use the **Subnet Mask 255.255.255.0**.

- Reconnect the SideStick module power supply to the AC mains power. The SideStick module reboots in with the set IP address.

To reset the IP address of an installed SideStick, refer to the section “<Bold>Reset Static IP Address” on page 3.

- On a computer connected to the same subnetwork as your SideBox module, launch the current version of **DashBoard** software.
- In DashBoard, enable **Automatic Discovery** as follows:
  - Use the **Window** menu to select **Preferences**.
  - In the **Preferences** dialog box, click **Automatic Discovery**.
  - In the **Automatic discovery of device** section, select the **Enable** option.
- In the DashBoard **Tree View**, expand the node named **Panel <MAC Address>** where **<MAC Address>** is the MAC address of your SideStick module. For example: **Panel 00:0F:9B:02:6D:33**
- In the expanded node, double-click the **ePCH** node.
- In the **Device View**, click the **Ethernet** tab.
- If you set your SideBox to one of the **Factory IP Addresses** in step <Bold>1 on page 4-1, set DIP Switches **1** and **2** to the **UP** position to put the SideBox module in **User Set Static IP Address** mode.



DashBoard enables the **Static** option for the **Method** setting.

- In the **Ethernet** tab, select the **Static** option for the **Method** setting.

- In the **IP Address** box, enter a static IP address for your SideStick module.
- Click **Apply Changes**.
- Click the **Panel Name, Permission** tab.
- In the **Panel Name, Permission** tab, enter a name for your SideStick module in the **Panel Name** box. Enter a name that enables you to easily locate your SideStick module in the DashBoard **Tree View**.
- Click **Refresh**.
- Click **Close**.

## Remote Device Port Configuration Settings

Use the following procedure to configure a Caprica device for your SideStick module:

- On a computer connected to the same subnetwork as your Caprica Server, launch the current version of **DashBoard** software.
- In the **DashBoard Tree View**, double-click the **Port Configuration** node of your Caprica Server.
- In the **Port Configuration Summary** table, double-click a **REMOTE#** port in the **Port** column.
- In the **Configure REMOTE#** panel, click **OGP Device**.
- Click **ePCH**.
- Click **Network Settings**.
- Use the following settings to configure the **Network Settings** for your SideStick module:
  - **Ethernet Role** — Client
  - **Remote IP Address** — IP address that you assigned to the SideStick module in step **9** of the previous procedure.
  - **Remote Port** — 5253
  - **Local IP Address** — 0.0.0.0 (Blank)
  - **Local Port** — 0 (Blank)
  - **Protocol** — TCP
- Click **Device Settings**.
- Use the **Unit ID** box to enter or select the unit ID number for the SideStick module.
- ★ Each SideBox module attached to an OverDrive system must have a unique Unit ID.
- Click **Apply Changes** to save the network and device settings.
- Click **Done** to close the **Configure REMOTE#** panel.

## For More Information on...

- configuring a SideStick module for an OverDrive system that contains a Caprica Server, refer to the *Caprica User Guide*.
- using a SideStick module with OverDrive, refer to the *OverDrive User Guide*.

## Firmware Upgrade

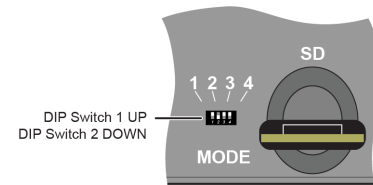
Use the following procedure to upgrade the firmware of the SideBox that contains a SideStick module:

1. Download the SideBox firmware upgrade file (ePCH-vX\_X\_XX.bin) to a computer that is connected to the same subnetwork as your SideBox module and has the current version of **DashBoard** software installed.
2. Launch the current version of **DashBoard** software.
3. In the DashBoard **Tree View**, expand the node of the SideBox to upgrade.
4. In the expanded node, double-click the **ePCH** node.
5. In the **Device View**, click **Upload** at the bottom of the view.
6. In the **Select File Upload** page of the Upload Software Wizard, click **Browse**.
7. In the **Open** dialog box, select the firmware upgrade file (ePCH-vX\_X\_XX.bin) and click **Open**.
8. In the **Select File Upload** page of the Upload Software Wizard, click **Next**.
9. In the **Select Destination** page of the Upload Software Wizard, select the check box to the left of each SideBox to upgrade.
10. Click **Finish**.  
If the firmware upgrade fails for a selected SideBox, power cycle the SideBox and follow steps **5** to **10** to reinstall the firmware upgrade.
11. On the successful completion of a firmware upgrade, click **Reboot** in the **Uploading Selected Devices** dialog box for each SideBox you upgraded.
12. Click **OK** to close the Upload Software Wizard.

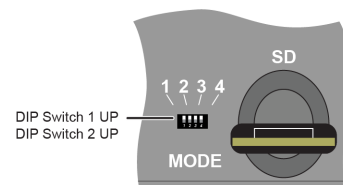
## Reset Static IP Address

When the static IP address of an installed SideStick module is unknown, use the following procedure to reset the IP address:

1. Disconnect the SideStick module power supply from the AC mains power.
2. Set the SideStick DIP Switch **1** to the **UP** position and DIP Switch **2** to the **DOWN** position to put the SideStick module in **DHCP Set IP Address** mode.



3. Reconnect the SideStick module power supply to the AC mains power to reboot the module in **DHCP Set IP Address** mode.
4. On a computer connected to the same subnetwork as your Caprica Server, launch the current version of **DashBoard** software.
5. In the DashBoard **Tree View**, expand the node displayed for your SideStick module.
6. In the expanded node, double-click the **ePCH** node.
7. In the **Device View**, click the **Ethernet** tab.
8. Set the SideStick DIP Switches **1** and **2** to the **UP** position to put the SideBox module in **User Set Static IP Address** mode.



DashBoard enables the **Static** option for the **Method** setting.

9. Select the **Static** option for the **Method** setting.
10. In the **IP Address** box, enter a static IP address for your SideStick module.
11. Click **Apply Changes**.
12. Disconnect the SideStick module power supply from the AC mains power and then reconnect the power supply to the AC mains power.

The SideStick module reboots with the newly set static IP address.

## Compatibility

Automation	Version
OverDrive	16.0
Caprica Server	2.2

## Contacting Technical Support

Technical Support is staffed by a team of experienced specialists ready to assist you with any question or technical issue.

Ross Video has technical support specialists strategically located around the globe to ensure a prompt response to technical inquiries. Our primary technical support center is located in Ottawa, Ontario, Canada. In addition, we have offices in The United Kingdom (London), Australia (Sydney), and Singapore with satellite locations in New York City, The Netherlands, and China. As we expand our presence globally, we are constantly evaluating other key locations to have a local technical support specialist in order to better service our customers.

## North America

Our North America center located in Ottawa, Ontario, Canada and is open Monday to Friday 8:30 a.m. to 6:00 p.m. EST, with 24/7/365 on-call service after hours.

Our telephone number is: +1-613-686-1557

Toll free within North America: +1 833-859-0499

## EMEA

Our EMEA center is open Monday to Friday 8:30 a.m. to 5:00 p.m. GMT. After hours support is provided by our North America location.

Our telephone number is: +44 (0)1189502446

International toll free: +800 3540 3545

If the local support specialist is not available, your call will be transferred automatically to our North America center.

## Australia

Our Sydney, Australia office is located in Alexandria, NSW.

Our local support telephone number is: 1300 007 677

If the local support specialist is not available, your call will be transferred automatically to our North America center.

## Online

E-mail: [techsupport@rossvideo.com](mailto:techsupport@rossvideo.com)

Website: open a support request using the link <https://support.rossvideo.com/> to open a support request.

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