INSTALLATION NOTES

FLEX
DELTACAST FLEXIBLE VIDEO I/O PRODUCTS



Thank you for purchasing DELTACAST FLEX products!

The FLEX solution is composed of a PCI Express gateway card and of external video interface modules connected to the gateway downstream ports through specific cables.

SOFTWARE DOWNLOAD

Connect to **www.deltacast.tv** and download the latest version of VideoMaster:

Browse to the **Download Center** section under the *Support* menu, and select the VideoMaster SDK or redistribution package that matches your operating system. Lost your password? Request it to **contact@deltacast.tv.**

Then, unfold the archive files to any temporary folder on your PC, and proceed to hardware and software installation.

HARDWARE INSTALLATION

Caution! Please make sure precautions are taken against antistatic before handling DELTACAST devices !

CAUTION – HOT SURFACE
The heatsink may remain hot after system shutdown. Wait approximately 5 to 10 minutes before handling the card to avoid the risk of burns.

Insert a DELTACAST gateway card in your PC, by proceeding as follows:

- Turn off your computer and turn off all power supplies. Then, open your PC case and locate a free, well-ventilated, PCI-e slot.
- Remove the metal plate of your PC case and carefully insert the card into that slot.
- Make sure that the card is firmly in place and fasten its bracket to the PC case.
- **Connect one PCI Express 150W-ATX power cables to one of the two PCI Express 150W-ATX connectors of the card.**
- Re-assemble your PC case and re-connect the power supply cable.

Then, connect FLEX modules to a gateway downstream ports using the provided cable.
Finally, turn on your computer.

SOFTWARE INSTALLATION

For complete information on installing and configuring your equipment, we recommend that you consult the **Installation Guide** available on **www.deltacast.tv**.

You must have sufficient privileges to complete both a driver installation and a standard application setup process

CONSIDERATIONS

Gateway cards don't need any software installation. Only FLEX modules need one.

WINDOWS SOFTWARE INSTALLATION

To install DELTACAST drivers under Microsoft Windows, repeat the following steps for each device you wish to install. Reboot the PC after each card installation:

- Turn on your PC and start Windows. Once logged in, you will be prompted with the Found New Hardware Wizard
- Select *Install from a list or specific location* and include the folder where you unzipped the redistribution package
- At the end of installation, reboot the PC if Windows asks to be restarted

To install VideoMaster runtime libraries (DLL files), you must manually copy them from the relevant redistribution package to either your application folder or to the Windows System32 or SysWow64 folder, depending on whether you work in 32 bits or in 64 bits.

LINUX SOFTWARE INSTALLATION

To compile and install DELTACAST drivers and SDK under Linux operating systems, please refer to the **Installation Guide** document present in the SDK package you downloaded from **www.deltacast.tv**.

MAC OS SOFTWARE INSTALLATION

FLEX products are not supported under MAC OS.

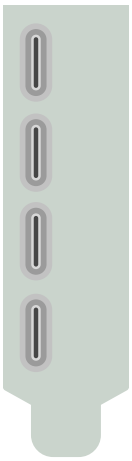


DELTACAST

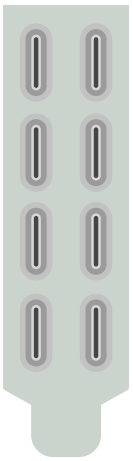
CABLING GUIDE

FLEX
DELTACAST FLEXIBLE VIDEO I/O PRODUCTS

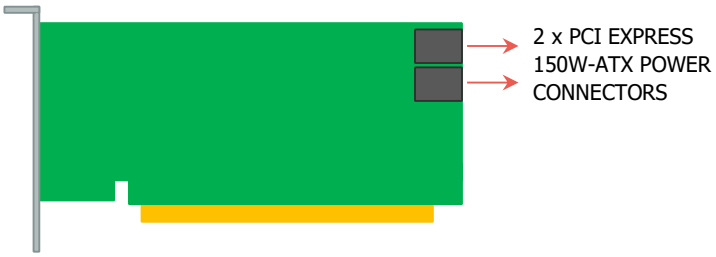
DELTA-gwy 316-4
DELTA-gwy 308-4



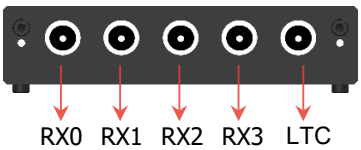
DELTA-gwy 316-8
DELTA-gwy 308-8



DELTA-gwy 316-x (Power Connectors)
DELTA-gwy 308-x (Power Connectors)

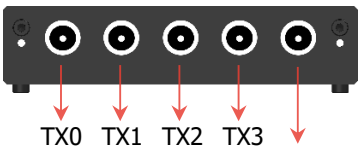


FLEX-3G 40, FLEX-12G 10
Front View



In case of FLEX-12G 10, RX0 is 12G capable

FLEX-3G 04, FLEX-12G 01
Front View



In case of FLEX-12G 01, TX0 is 12G capable

All SDI modules
Rear View



GATEWAY CABLE PORT

FLEX-dp 10 / 01
Front View



RX0 / TX0 DISPLAYPORT

FLEX-hmi 10 / 01
Front View



RX0 / TX0 HDMI

All DV modules
Rear View



GATEWAY CABLE PORT

TEMPERATURE WARNING

In the FLEX modules, the enclosure also plays the role of heat dissipation for the electronics contained within the module.
As a consequence, when powered and when used FLEX modules can quickly reach high temperatures (close to 80°C – 176°F in certain conditions).
DELTACAST recommends to be very cautious when manipulating hot devices after usage. Allow sufficient cooling time before handling the module.
Providing adequate air flow to the FLEX heatsink allows drastically reducing the module temperature.

ONLINE SUPPORT REQUEST

In case of any trouble, please connect to **www.deltacast.tv** and browse the **Support** section.
If you need further help, contact the DELTACAST technical support team for any question by sending an email to **support@deltacast.tv**.
To return defective DELTACAST hardware, connect to **www.deltacast.tv**, and browse to the **RMA request** page under the *Support* menu.
There, properly fill in the *DELTACAST RMA Request Form*, and our Customer Service will send you a RMA number and hardware return instructions.

DELTACAST

©DELTACAST, All rights reserved