

INSTALLATION GUIDE

HVS-Q12IO

HVS-Q12 Expand I/O Card

HVS-Q12EXTIF

HVS-Q12 External I/F Card

1st Edition

Unpacking

The following HVS-Q12 switcher options should be installed onto the HVS-Q12 from the rear side.

HVS-Q12 options and their accessories are fully inspected and adjusted prior to shipment.

Check your received items against the packing lists below. Check to ensure no damage has occurred during shipment. If damage has occurred, or items are missing, inform your supplier immediately.

◆ **HVS-Q12IO Box**

ITEM	QTY	REMARKS
HVS-Q12IO	1	Expand I/O Card for HVS-Q12

◆ **HVS-Q12EXTIF Box**

ITEM	QTY	REMARKS
HVS-Q12EXTIF	1	External I/F Card for HVS-Q12

 CAUTION	Install operations should only be done by qualified technical personnel. Installation of this option requires accessing the unit interior by opening the panel. To protect boards from electrostatic damage, do not touch board components. The AC power cord should be disconnected from the unit before performing this installation.
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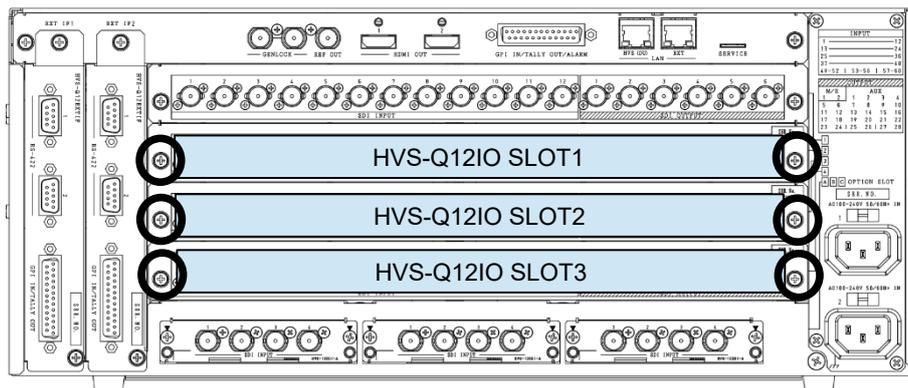
1. HVS-Q12IO

The HVS-Q12IO is the input output expansion card specially designed for the HVS-Q12 switcher. When installing a card, 12 inputs and 6 outputs of HD- to 12G-SDI can be added to the switcher. Up to 3 cards can be installed.

Refer to the HVS-Q12 User Manual for details on optional inputs and outputs.

1-1. Installing the HVS-Q12IO

- (1) Power off the HVS-Q12 and remove the power cord(s).
- (2) Remove the blank panel of the target slot on the rear panel of the switcher by unscrewing screws on both sides of the panel.



- (3) Align the card with the slot and insert it carefully.

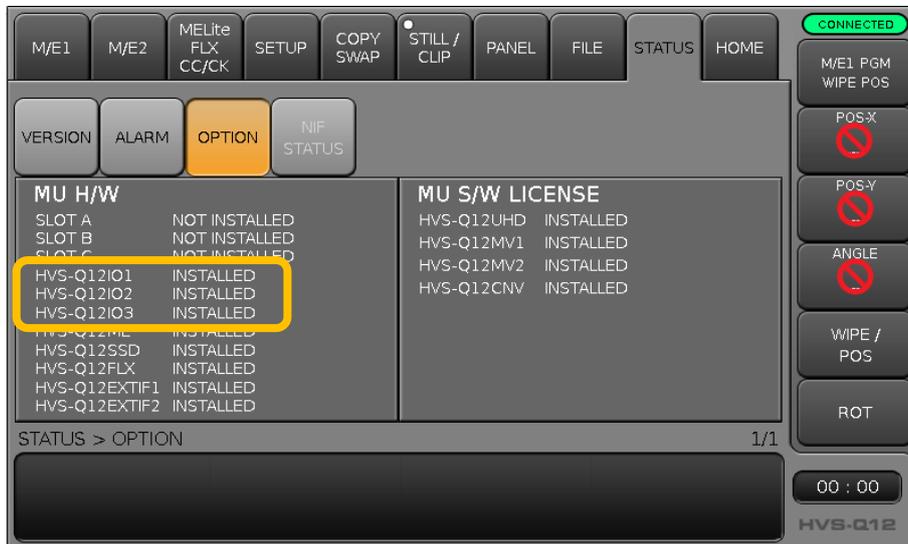
NOTE: Do NOT forcibly insert the card the card into place. Keep it level to prevent it from tilting, and insert it along the guide rails.

- (4) Verify that the card is correctly seated. Tighten the card with the screws on both sides.

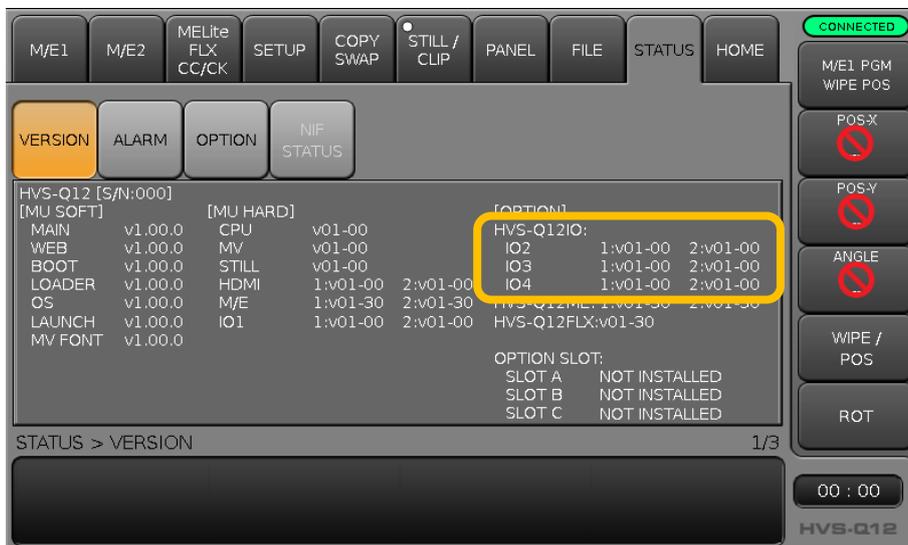
1-2. Checking the Installation

Verify that the HVS-Q12IO is correctly installed.

- (1) Connect the power cord and turn on the power of the switcher.
- (2) Open [STATUS > OPTION] menu on the control panel.
- (3) Check that “**INSTALLED**” is displayed for the installed HVS-Q12IO. (See below)



- (4) Open [STATUS > VERSION] menu PAGE1 on the control panel.
- (5) Verify that the HVS-Q12IO version is displayed. (See the figure below.)
If it is not displayed, consult your FOR-A reseller.

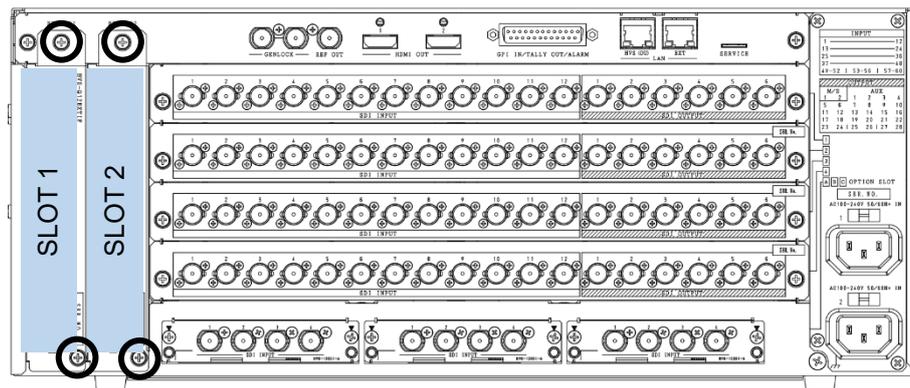


2. HVS-Q12EXTIF

The HVS-Q12EXTIF is the interface expansion card specially designed for the HVS-Q12 switcher. When installing a card, two RS422 ports and GPI input/output terminals are added to the switcher. Up to 2 cards can be installed. The RS422 interfaces are used for external control connections such as routers and tally units. Refer to the HVS-Q12 User Manual and Appendix for details.

2-1. Installing the HVS-Q12FLX

- (1) Power off the HVS-Q12 and remove the power cord.
- (2) Remove the blank panel of the target slot on the rear panel by unscrewing screws on both sides of the panel.



- (3) Align the card with the slot and insert it carefully.

NOTE: Do NOT forcibly insert the card the card into place. Keep it level to prevent it from tilting, and insert it along the guide rails.

- (4) Verify that the card is correctly seated. Tighten the card with the screws on both sides.

2-2. Checking the Installation

Verify that the HVS-Q12EXTIF is correctly installed.

- (1) Connect the power cord and turn on the power of the switcher.
- (2) Open [STATUS > OPTION] menu on the control panel.
- (3) Check that **"INSTALLED"** is displayed for the installed HVS-Q12EXTIF. (See below)

