

# **INSTALLATION GUIDE**

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**HVS-6000SDI**

12G-SDI Input Expansion Card

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1st Edition

# Upon Receipt

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HVS-6000SDI 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-6000SDI Box**

ITEM	QTY	REMARKS
HVS-6000SDI	1	
LAN Cable	1	
Installation guide	1	This manual

◆ **Required tool**

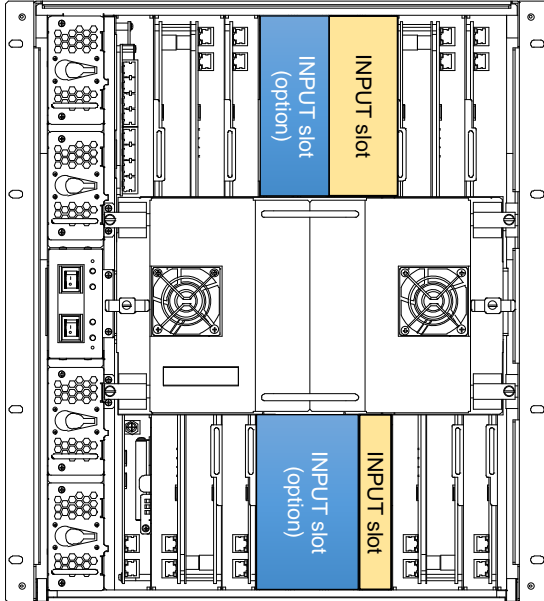
Flathead screwdriver

# 1. Card Installation Slots

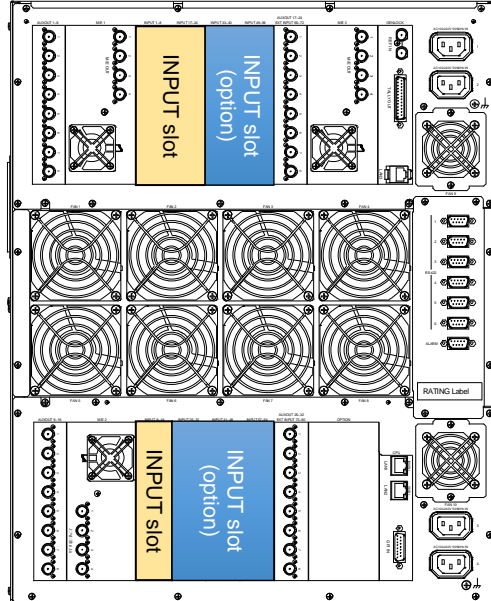
HVS-6000SDI is a 12G-SDI input expansion card for HVS-6000/6000M.

HVS-6000/6000M is equipped with 3 cards as standard configuration and up to 5 cards to HVS-6000 and one card to HVS-6000M can be optionally added.

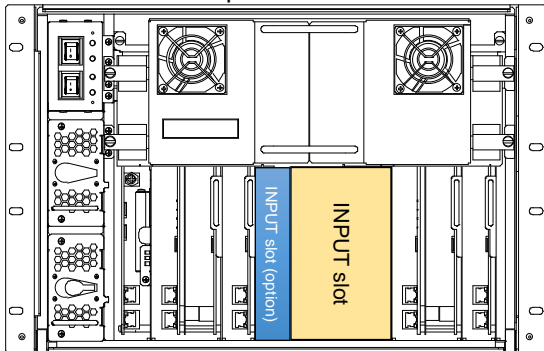
HVS-6000 Front panel



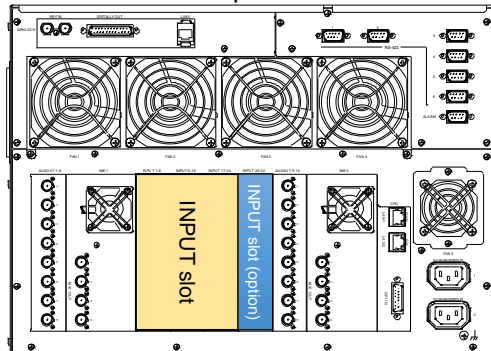
HVS-6000 Rear panel



HVS-6000M Front panel



HVS-6000M Rear panel



## HVS-6000

	Slot	Slot label
Upper slots	INPUT SLOT 1 (Standard)	INPUT 1-8
	INPUT SLOT 3 (Standard)	INPUT 17-24
	OPT INPUT SLOT 2 (Option)	INPUT 33-40
	OPT INPUT SLOT 4 (Option)	INPUT 49-56
Lower slots	INPUT SLOT 2 (Standard)	INPUT 9-16
	OPT INPUT SLOT 1 (Option)	INPUT 25-32
	OPT INPUT SLOT 3 (Option)	INPUT 41-48
	OPT INPUT SLOT 5 (Option)	INPUT 57-64

## HVS-6000M

Slot	Slot label
INPUT SLOT 1 (Standard)	INPUT 1-8
INPUT SLOT 2 (Standard)	INPUT 9-16
INPUT SLOT 3 (Standard)	INPUT 17-24
OPT INPUT SLOT 1 (Option)	INPUT 25-32

## 2. Expansion Card Installation / Replacement

When installing a new card or replacing the card in the slot of the HVS-6000/6000M, refer to this chapter. For the slot position, see Sec. 1. "Card Installation Slot".

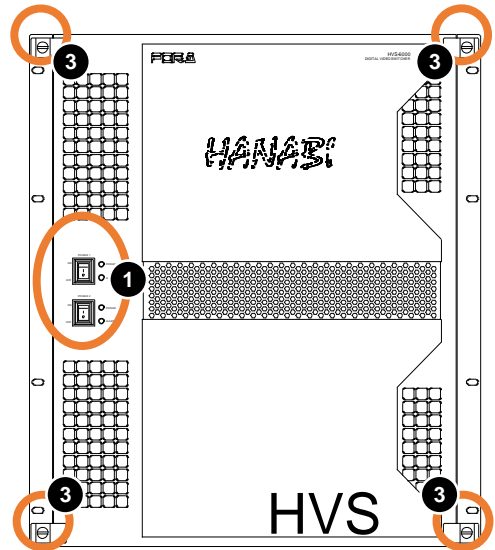
### 2-1. HVS-6000

The following procedure shows how to install an HVS-6000SDI into the OPT INPUT 2 slot.

- (1) Turn OFF the power switches on the front of the HVS-6000.
- (2) Verify that the POWER indicator is lit orange, and then disconnect the power cord from the rear panel.

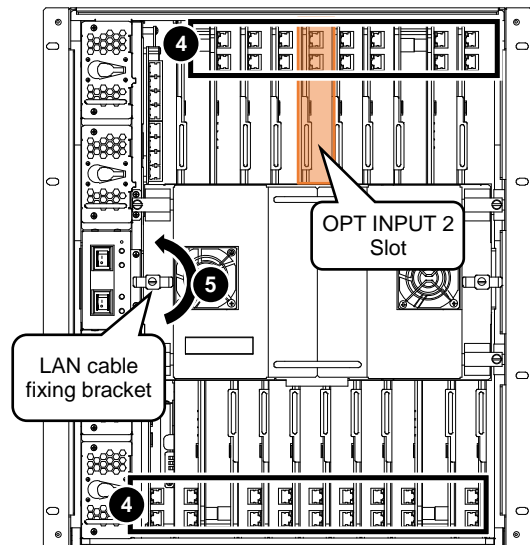
When replacing cards, disconnect all connected BNC cables.

- (3) Completely loosen the four fixing screws on both sides of the front panel, and then remove the front panel.



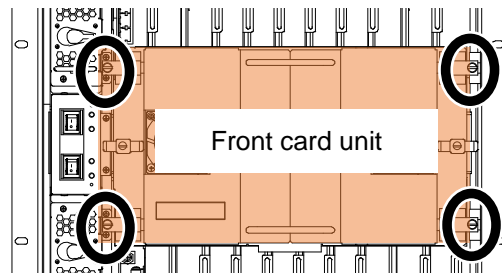
- (4) Disconnect all LAN cables from LAN ports on the all cards.

- (5) Turn the knob of the LAN cable fixing bracket upright to release the LAN cable bundle.



- (6) Loosen the four fixing screws at the four corners of the front card unit, and pull the front card unit straight out toward you.

Do not remove the screws completely at once, but keep them slightly engaged and pull them out little by little so that the front card unit does not pop out all the way to the front.



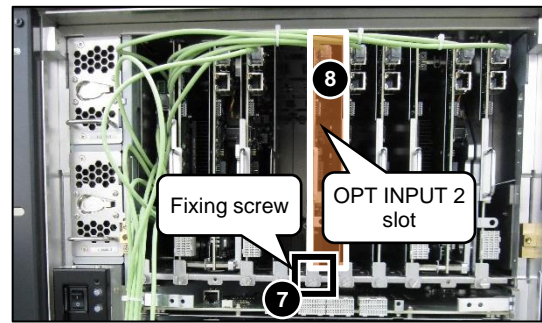
#### IMPORTANT

Be careful when working on the front card unit, as the connectors are easily damaged while removing the card unit.

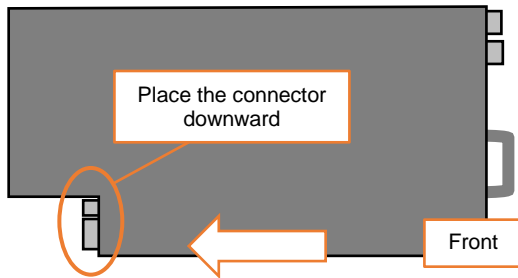
(7) Completely release the **fixing screw** on the blank panel or the installed HVS-6000SDIC and hold the handle to pull out the blank panel or the card.

(8) Insert the HVS-6000SDI so that it fits into the upper and lower rails of the OPT INPUT 2 slot. Push it in all the way.

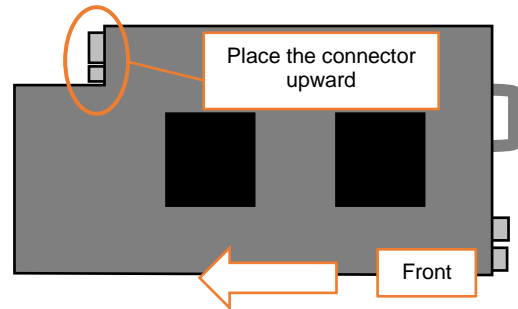
\* Confirm the card direction before insertion.



#### Upper slot



#### Lower slot



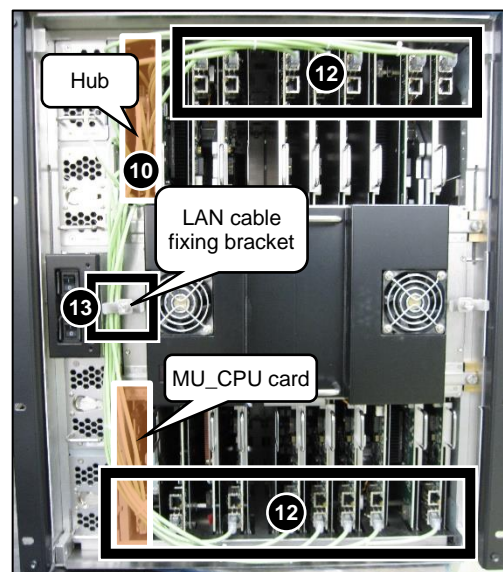
(9) Fasten the **fixing screw** of the new HVS-6000SDIC installed in Step (8).

(10) Connect one end of the supplied LAN cable to an available port on the hub.

(11) Re-install the front card unit removed in (6).

(12) Re-connect the LAN cables disconnected in (4). Each card has two LAN ports. Plug LAN cables to the following ports.

- MU\_CPU card (Bottom-left): Top and bottom LAN ports
- Card on the upper slot: Top LAN ports
- Card on the lower slot: Bottom LAN ports



(13) Gather the LAN cables behind the **LAN cable fixing bracket**. Turn the **LAN cable fixing bracket** sideways and secure the LAN cables.

(14) Re-install the front panel.

(15) Re-plug power cords on the back of the HVS-6000 and turn on power switches on the front.

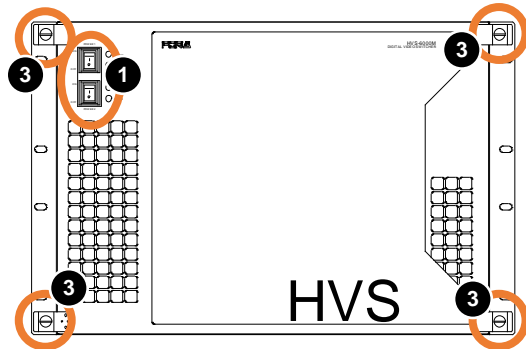
(16) Open the [SETUP > STATUS > VERSION > MU IN/OUT] menu in the OU and check card versions. (See Sec. 2-3. "Version Check.")

A card installation is now complete.

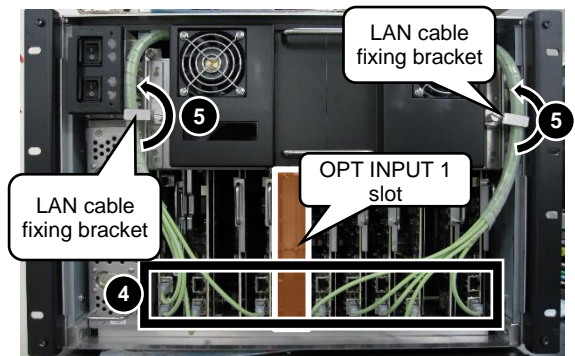
## 2-2. HVS-6000M

The following procedure shows how to install an HVS-6000SDI into the OPT INPUT 1 slot.

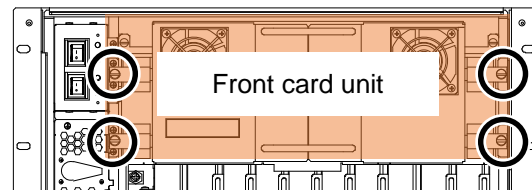
- (1) Turn OFF the power switches on the front of the HVS-6000M.
- (2) Verify that the POWER indicator is lit orange, and then disconnect the power cord from the rear panel. When replacing cards, disconnect all connected BNC cables.
- (3) Completely loosen the four fixing screws on both sides of the front panel, and then remove the front panel.



- (4) Disconnect all LAN cables from LAN ports on the all cards.
- (5) Turn the knob of the LAN cable fixing bracket upright to release the LAN cable bundle.



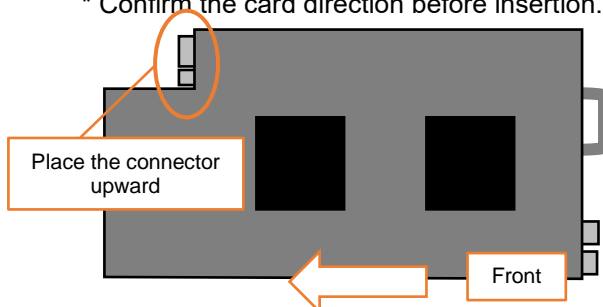
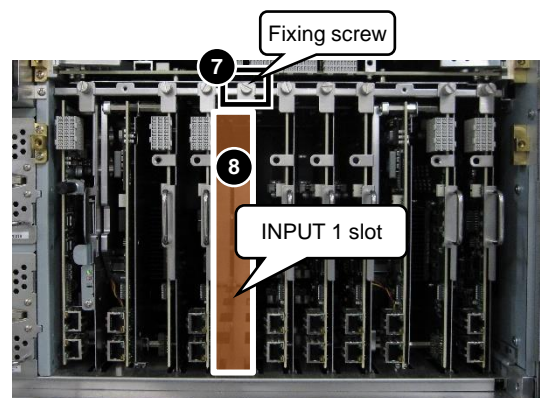
- (6) Loosen the four fixing screws at the four corners of the front card unit, and pull the front card unit straight out toward you. Do not remove the screws completely at once, but keep them slightly engaged and pull them out little by little so that the front card unit does not pop out all the way to the front.



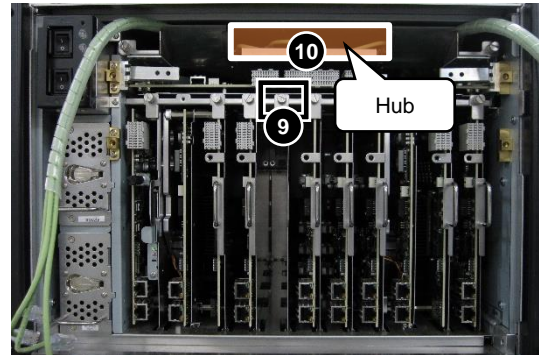
### IMPORTANT

Be careful when working on the front card unit, as the connectors are easily damaged while removing the card unit.

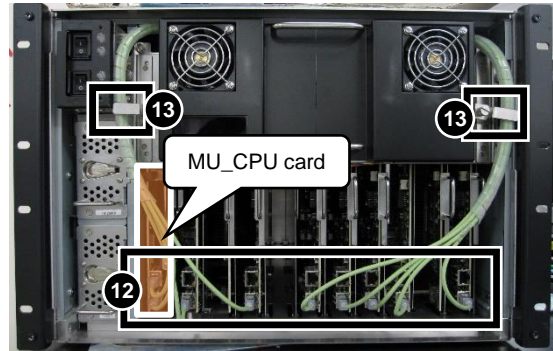
- (7) Completely release the fixing screw on the blank panel or the installed HVS-6000SDIC and hold the handle to pull out the blank panel or the card.
- (8) Insert the HVS-6000SDI so that it fits into the upper and lower rails of the OPT INPUT 1 slot. Push it in all the way.  
\* Confirm the card direction before insertion.



- (9) Fasten the **fixing screw** of the new HVS-6000SDIC installed in Step (8).
- (10) Connect one end of the supplied LAN cable to an available port on the hub.



- (11) Re-install the front card unit removed in (6).
- (12) Re-connect the LAN cables disconnected in (4).  
Cables of the MU\_CPU card on the far left should be inserted into the upper and lower LAN ports. Insert all of the other cables into LAN ports on the lower side.



- (13) Gather the LAN cables behind the **LAN cable fixing bracket**. Turn the **LAN cable fixing bracket** sideways and secure the LAN cables.
- (14) Re-install the front panel.
- (15) Re-plug power cords on the back of the HVS-6000M and turn on power switches on the front.
- (16) Open the [SETUP > STATUS > VERSION] menu in the OU and check card versions. (See Sec. 2-3. "Version Check.")

A card installation is now complete.

## 2-3. Version Check

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### ◆ HVS-6000

Open the [SETUP > STATUS > VERSION > MU IN/OUT] menu in the OU and refer to the table below to check whether the card version is displayed (the card is properly recognized) under card installed slots.

Card slot	Input card
INPUT SLOT 1 (Standard)	INPUT 1
INPUT SLOT 2 (Standard)	INPUT 2
INPUT SLOT 3 (Standard)	INPUT 3
OPT INPUT SLOT 1 (Option)	INPUT 4
OPT INPUT SLOT 2 (Option)	INPUT 5
OPT INPUT SLOT 3 (Option)	INPUT 6
OPT INPUT SLOT 4 (Option)	INPUT 7
OPT INPUT SLOT 5 (Option)	INPUT 8

### ◆ HVS-6000M

Open the [SETUP > STATUS > VERSION] menu in the OU and refer to the table below to check whether the card version is displayed (the card is properly recognized) on card installed slots.

Card slot	Input card
INPUT SLOT 1 (Standard)	INPUT 1
INPUT SLOT 2 (Standard)	INPUT 2
INPUT SLOT 3 (Standard)	INPUT 3
OPT INPUT SLOT 1 (Option)	INPUT 4







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