INSTALLATION GUIDE

HVS-2000DVE
HVS-2000 Series 3D DVE 4ch Card

HVS-2000DVE-EX
4K Format Expansion for HVS-2000DVE

2nd Edition
Upon Receipt

HVS-2000DVE is a 3D DVE card that can be installed into HVS-2000 switcher main units. An HVS-2000DVE card supports 4 channels of 3D DVE.

HVS-2000DVE-EX is a 3D DVE card that can be installed into HVS-2000DVE cards. An HVS-2000DVE-EX card supports 6 channels of 3D DVE in a 3M/E configuration. 4K format high quality image 3D DVE images are also available.

Features

- Enable 3D DVE (Warp effects).
- Smoothing filter to remove jagged edges for reduced video images.
- Add three-dimensional preset effects (Page turn, Page roll, etc.).

HVS-2000DVE cards are fully inspected and adjusted prior to shipment. Check your received items against the packing list below. Check to ensure no damage has occurred during shipment. If damage has occurred, or items are missing, inform your supplier immediately.

<table>
<thead>
<tr>
<th>HVS-2000DVE</th>
<th>ITEM</th>
<th>QTY</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVS-2000DVE</td>
<td></td>
<td>1</td>
<td>3D DVE card for HVS-2000</td>
</tr>
<tr>
<td>Installation guide</td>
<td></td>
<td>1</td>
<td>This guide</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HVS-2000DVE-EX</th>
<th>ITEM</th>
<th>QTY</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVS-2000DVE-EX</td>
<td></td>
<td>1</td>
<td>3D DVE card for HVS-2000DVE</td>
</tr>
<tr>
<td>Power supply cable</td>
<td></td>
<td>1</td>
<td>HVS-2000DVE-EX power supply cable (Installed when an HVS-2000DVE-EX is supplied with an HVS-2000DVE.)</td>
</tr>
<tr>
<td>Stud screw</td>
<td></td>
<td>4</td>
<td>For installation</td>
</tr>
<tr>
<td>W sems screw</td>
<td></td>
<td>4</td>
<td>For installation</td>
</tr>
<tr>
<td>Installation guide</td>
<td></td>
<td>1</td>
<td>This guide</td>
</tr>
</tbody>
</table>

CAUTION: Card installation should only be performed by qualified technical persons. Before installing cards, turn the HVS-2000 power OFF and unplug the power cords.
1. HVS-2000DVE-EX Card Installation

If you have purchased an HVS-2000DVE-EX only, follow the procedure in this section. If you did not purchase an HVS-2000DVE-EX card or purchased an HVS-2000DVE-EX card together with an HVS-2000DVE card, skip this section and proceed to section 2.

(1) Release the two screws on both sides securing the front panel to remove the panel.

(2) Pull out the HVS-2000DVE card from the bottom slot.
(3) Release the five screws on the HVS-2000DVE card and remove the duct. Keep the removed duct in a safe place.

(4) Put the released screws back into the HVS-2000DVE card as shown in the following figure. If the screws to fix the duct in (3) are not stud screws, use the supplied stud screws.
(5) Connect the supplied power cable with the connector as shown in the following figure.

(6) Install the HVS-2000DVE-EX card on the HVS-2000DVE card. Install the HVS-2000DVE-EX card over the power supply cable.

(7) Apply the supplied W sems screws onto the four corners of the HVS-2000DVE-EX card. Connect the power supply cable to the connector.

(8) Go to Sec. 2 "Installing HVS-2000 Cards."
2. HVS-2000DVE Card Installation

(1) Release the two screws on both sides securing the front panel to remove the panel.

(2) Insert your HVS-2000DVE card into the bottom slot.
(3) Tighten the two screws on both sides to secure the front panel to the chassis.

3. Checking the Menu

(1) Connect power cords and power ON the switcher system. Open the STATUS menu to verify that the HVS-2000DVE and/or HVS-2000DVE-EX is properly displayed in the menu.

① Open [STATUS > OPTION] menu.
② Check that "INSTALLED" is displayed for HVS-2000DVE.
   Check that "INSTALLED" is displayed for HVS-2000DVE-EX when HVS-2000DVE-EX is installed. (See the figure below.)

(2) Open a [MODIFY > WARP] menu (such as [M/E FLEXaKEY > M/E2 > KEY1 > MODIFY > WARP]) to verify that the 3D DVE is functional.
FOR-A COMPANY LIMITED
Head Office  3-8-1 Ebisu, Shibuya-ku, Tokyo 150-0013, Japan
Overseas Division  Tel: +81(0)3 3446 3936  Fax: +81(0)3 3446 1470
Japan Branch Offices  Osaka/Okinawa/Fukuoka/Hiroshima/Nagoya/Sendai/Sapporo
R&D/Production  Sakura Center/Sapporo Center

FOR-A Corporation of America
11155 Knott Ave., Suite G&H, Cypress, CA 90630, USA.
Tel: +1 714 894 3311  Fax: +1 714 894 5399

FOR-A Corporation of America East Coast Office
2 Executive Drive, Suite 670, Fort Lee Executive Park, Fort Lee, NJ 07024, USA
Tel: +1 201 944 1120  Fax: +1 201 944 1132

FOR-A Corporation of America Distribution & Service Center
2400 N.E. Waldo Road, Gainesville, FL 32609, USA
Tel: +1 352 371 1505  Fax: +1 352 378 5320

FOR-A Corporation of America Miami Office
5200 Blue Lagoon Drive, Suite 760, Miami, FL 33126, USA
Tel: +1 305 931 1700  Fax: +1 305 264 7890

FOR-A Corporation of Canada
1131A, Leslie Street Suite 209, Toronto, Ontario M3C 2J6, Canada
Tel: +1 416 977 0343  Fax: +1 416 977 0657

FOR-A Europe S.r.l.
Via Volturno 37, 20861 Brugherio MB, Italy
Tel: +39 039 91 64 811  Fax: +39 039 878 140

FOR A UK Limited
Trident Court, 1 Oakcroft Road, Chessington, KT9 1BD, UK
Tel: +44 (0)20 3044 2935  Fax: +44(0)20 3044 2936

FOR-A Italia S.r.l.
Via Volturno 37, 20861 Brugherio MB, Italy
Tel: +39 039 881 086/103  Fax: +39 039 878 140

FOR-A Corporation of Korea
1007, 57-5, Yangsan-ro, Yeongdeungpo-gu, Seoul 150-103, Korea
Tel: +82 (0)2 2637 0761  Fax: +82 (0)2 2637 0760

FOR-A China Limited
708B Huateng Building, No. 302, 3 District, Jinsong, Chaoyang, Beijing 100021, China
Tel: +86 (0)10 8721 6023  Fax: +86 (0)10 8721 6033

FOR-A Middle East-Africa Office
Dubai Media City, Aurora Tower, Office 1407, P.O. Box 502688, Dubai, UAE
Tel: +971 (0)4 551 5830  Fax: +971 (0)4 551 5832

Agiv (India) Private Limited (FOR-A India)
2nd Floor, Valecha Chambers, Link Road, Andheri(W), Mumbai 400053
Tel: +91-22-26733623  Fax: +91-22-26393415

http://www.for-a.com/