datavideo®

# SE-800AV to DV

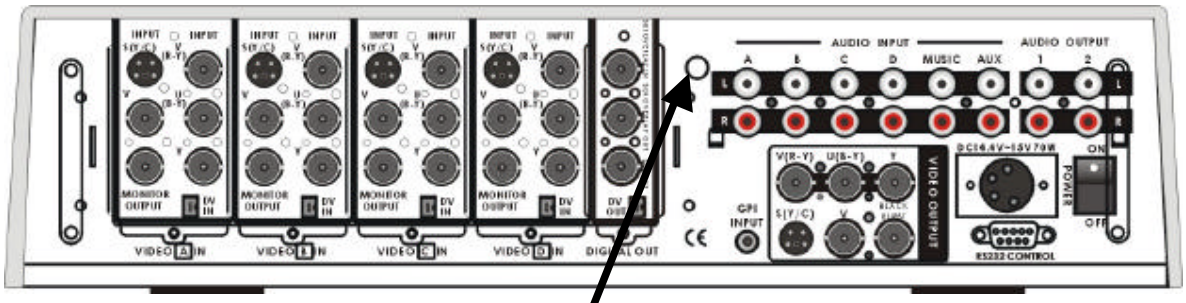
# Upgrade Instructions

http://www.datavideo-tek.com

**Parts needed to upgrade the SE-800AV to SE-800:**

| Item | Description | Part number | Num |
|---|---|---|---|
| 1 | SDI OUT Module | 305-SDI-OUT | 1 |
| 2 | DV OUT Module | 305-DV-OUT | 1 |
| 3 | DV IN Module | B361N0-305 | 4 |
| 4 | IDE FLAT CABLE 26P(female)-26P(female) 50mm UL | 07640260004 | 4 |
| 5 | SDI board rear metal plate | 09310003052 | 1 |
| 6 | DV in board rear metal plate | 09310003053 | 4 |
| 7 | Screws f 3 * 12mmblack | 09111301201 | 2 |
| 8 | Screw ISO w/spring and washer 3 * 8mm | 09112300813 | 20 |
| 9 | **H**ex risers 17mm | 09160000171 | 4 |
| 10 | **H**ex risers 20mm | 09160000201 | 16 |
| 11 | Nut f 3 * 5.5mm for hex risers | 09140301003 | 20 |

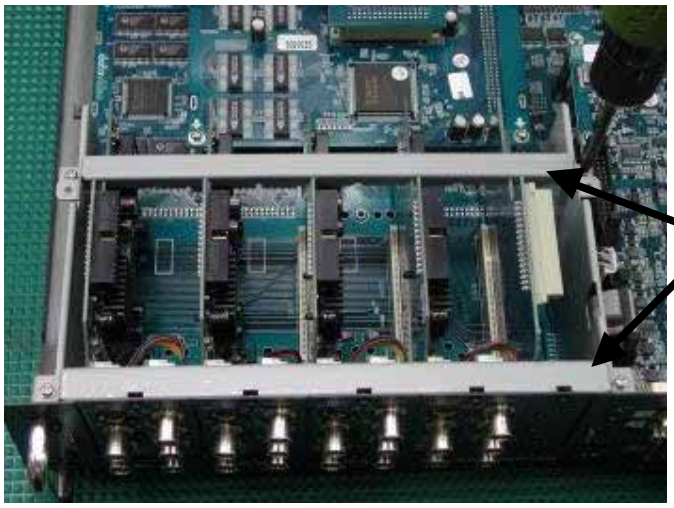
**Step1: Open the SE-800 top cover**




There is a screw inside this hole, that needs to be removed.

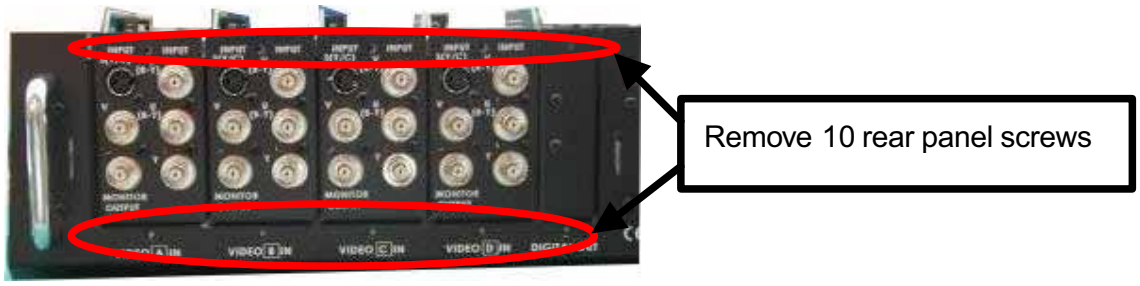
There are another 7 screws on the bottom case to be removed and then you can lift off the top cover.

**Step2:**



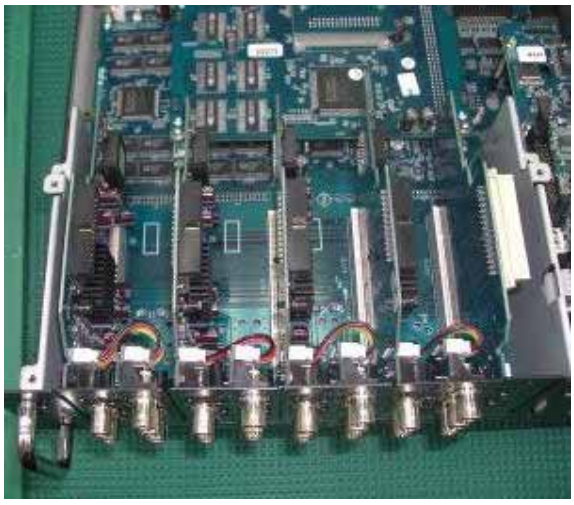
Remove all 4 screws holding the metal braces

**Step3:**




**Step4:**

Remove two metal braces, four AV IN Modules and one NO-SDI card



NO SDI Card x 1

AV IN Module Card x 4

**Step5:**

Add four hex risers (17mm) onto the SDI Out Module Card with 4 (5.5mm) Nuts

| Description | Part number |
|---|---|
|  17mm hex risers | 09160000171 |
|  f 3 * 5.5mm Nut | 09140301003 |

**SDI Out Module Card**

**SDI Out Module Card**

| Description | Part number |
|---|---|
| SDI OUT Module | 305-SDI-OUT |

**DV Out Module Card**

| Description | Part number |
|---|---|
| DV OUT Module | 305-DV-OUT |

**Step6:** Put DV Out Module Card onto SDI Out Module Card with 4 ISO 3 * 8mm screws with the spring and washer.
Add on the SDI rear panel with two f 3 * 12mm screws

| Description | Part number |
|---|---|
| SDI board rear metal plate | 09310003052 |
| Screws f 3 * 12mm black | 09111301201 |
| Screws ISO 3 * 8mm with spring and washer | 09112300813 |


**Step7:** Add four hex risers (20mm) on the AV IN Module Card and fasten with Nuts

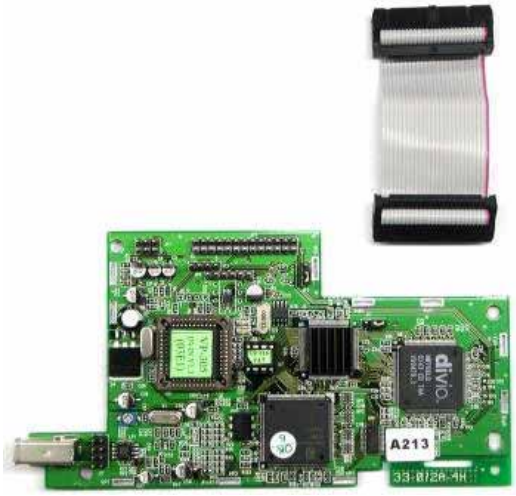
**AV IN Module Card**

| Description | Part number |
|---|---|
|  hex risers 20mm | 09160000201 |
|  Nut f 3 * 5.5mm | 09140301003 |

**Step8:** Connect the IDE FLAT CABLE on to J2 of the DV IN Module Card
(Please note: the red line on cable should match Pin 1 of J2)

**DV IN Module Card**

| Description | Part number |
|---|---|
| DV IN Module | B361N0-305 |
| IDE FLAT CABLE 26P 50mm UL | 07640260004 |




**Step 9:** Adjust the NTSC/PAL J4 Jumper setting on DV IN Module Card

| |
|---|
| Short on 1&2 for NTSC System |
| Short on 2&3 for PAL System |

**Step 10:** Replace the original AV IN Module Card plate with the DV module plate.

DV module rear Plate

| Description | Part number |
|---|---|
| DV module rear plate (6-Pin DV) | 09310003053 |



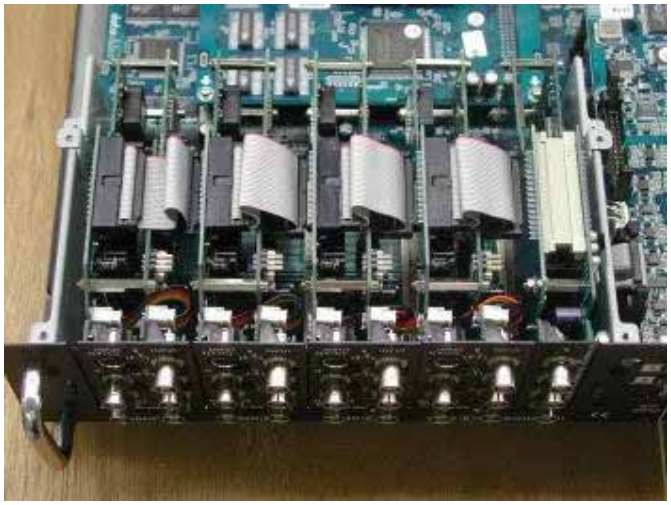
**Step 11:** Add four ISO 3 * 8mm screws onto the DV IN Module Card
Connect the 26-Pin FLAT CABLE from the DV to AV card

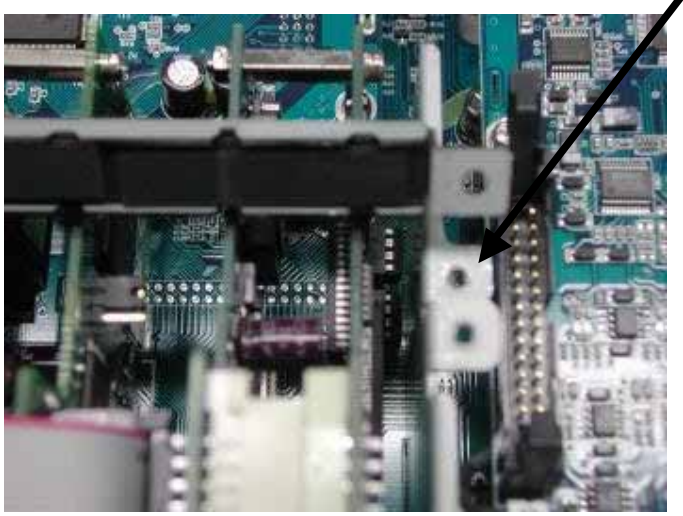
**AV IN and DV IN Module Card**

| Description | Part number |
|---|---|
| Screw ISO 3 * 8mm with spring and washer | 09112300813 |

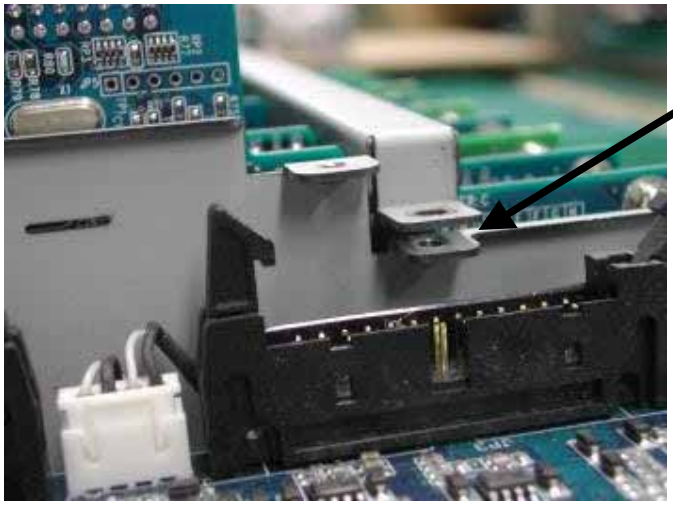
**Step12:** Follow Step 7 to Step 11 to assemble the three remaining DV and AV modules. Install all the modules with SDI/DV Out Module back onto the SE-800 PCI slot. **(Shown below)**


**Step13:**

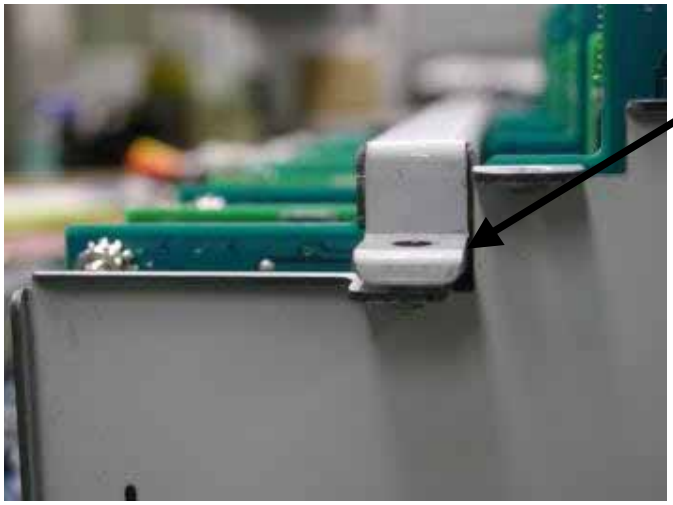




Attach the metal braces to secure the modules.



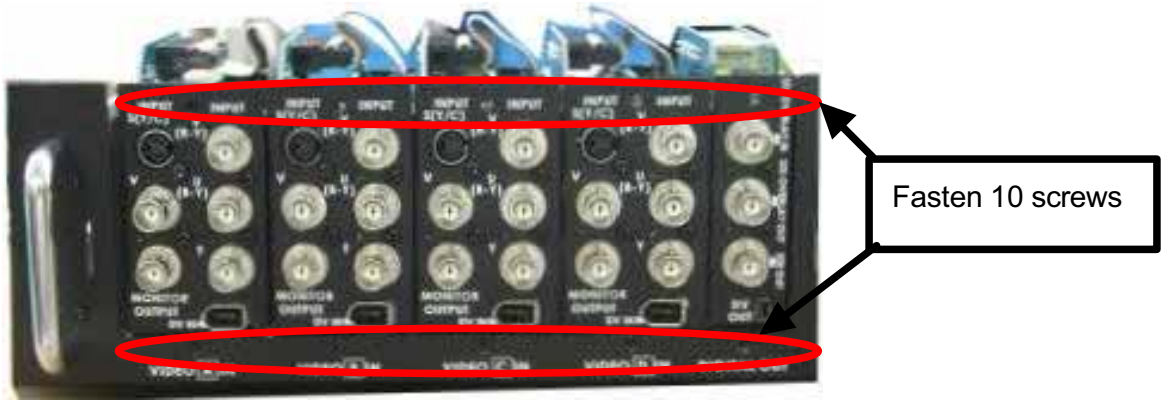
Note: The direction of the metal brace assembly.



Note: The direction of metal brace assembly.

Fasten all four screws (two per side)

**Step14:**




**Step15:** Put the top cover on and fasten the screws.