



CAT862 Replacement and Connections

Version 2.0

Caution:
Use anti-static discharge protection when working with electronics.

Table of Contents

<i>Section 1: Card Removal/Replacement</i>	<u>1-1</u>
<i>Section 2: Connections</i>	<u>1-2</u>
<i>Section 3: Troubleshooting</i>	<u>1-3</u>

DRAFT

1-1

Card Removal/Replacement

Unplug the power cables from the DSS200 and remove the top cover by pressing down on the two locking buttons on the lid and pushing the cover to the back of the unit.



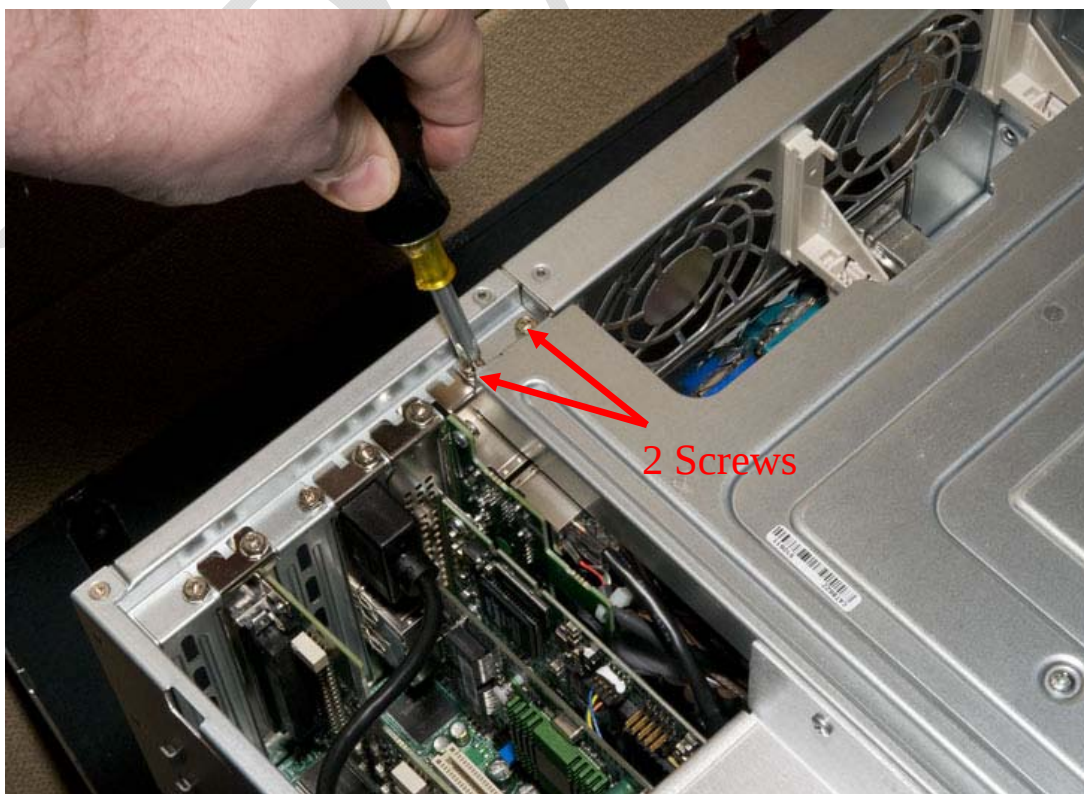
1-1

Card Removal/Replacement

Remove the two fans at the back of the DSS200:



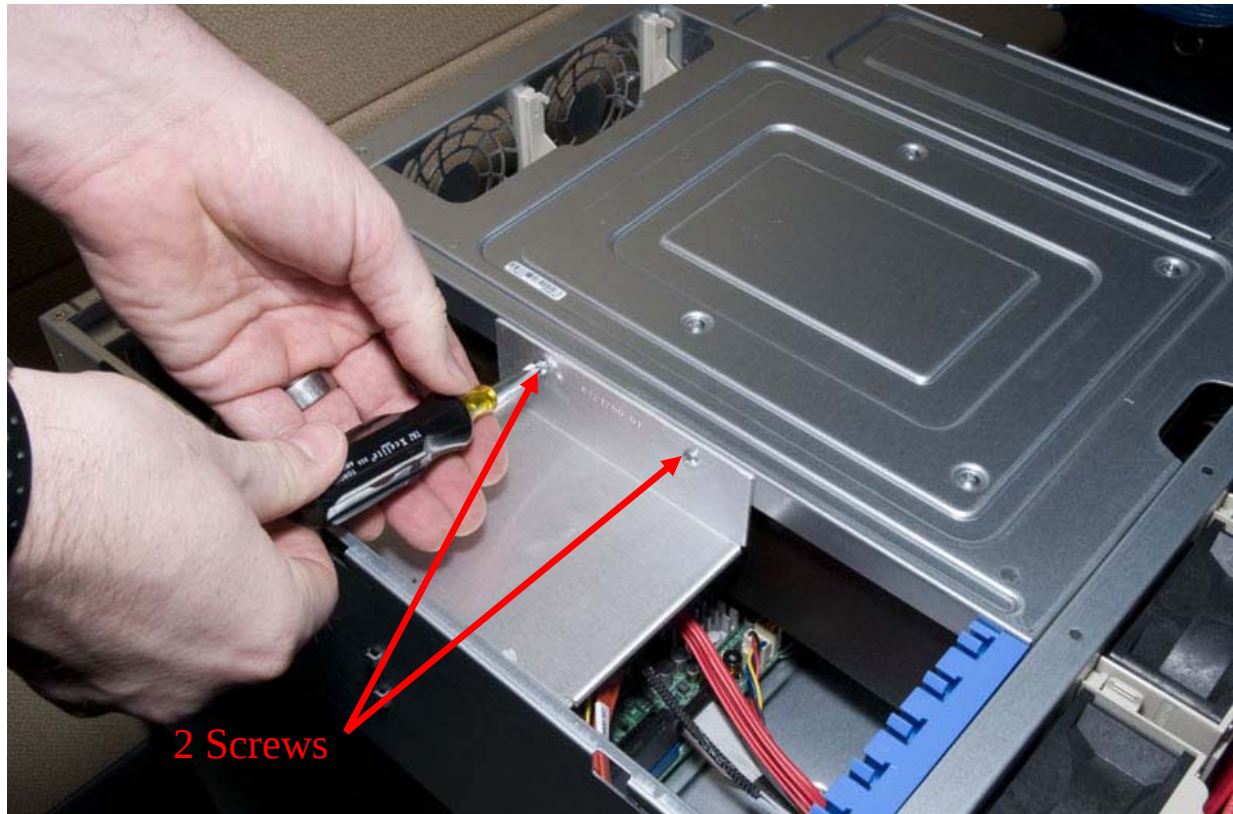
Remove these 2 screws:



1-1

Card Removal/Replacement

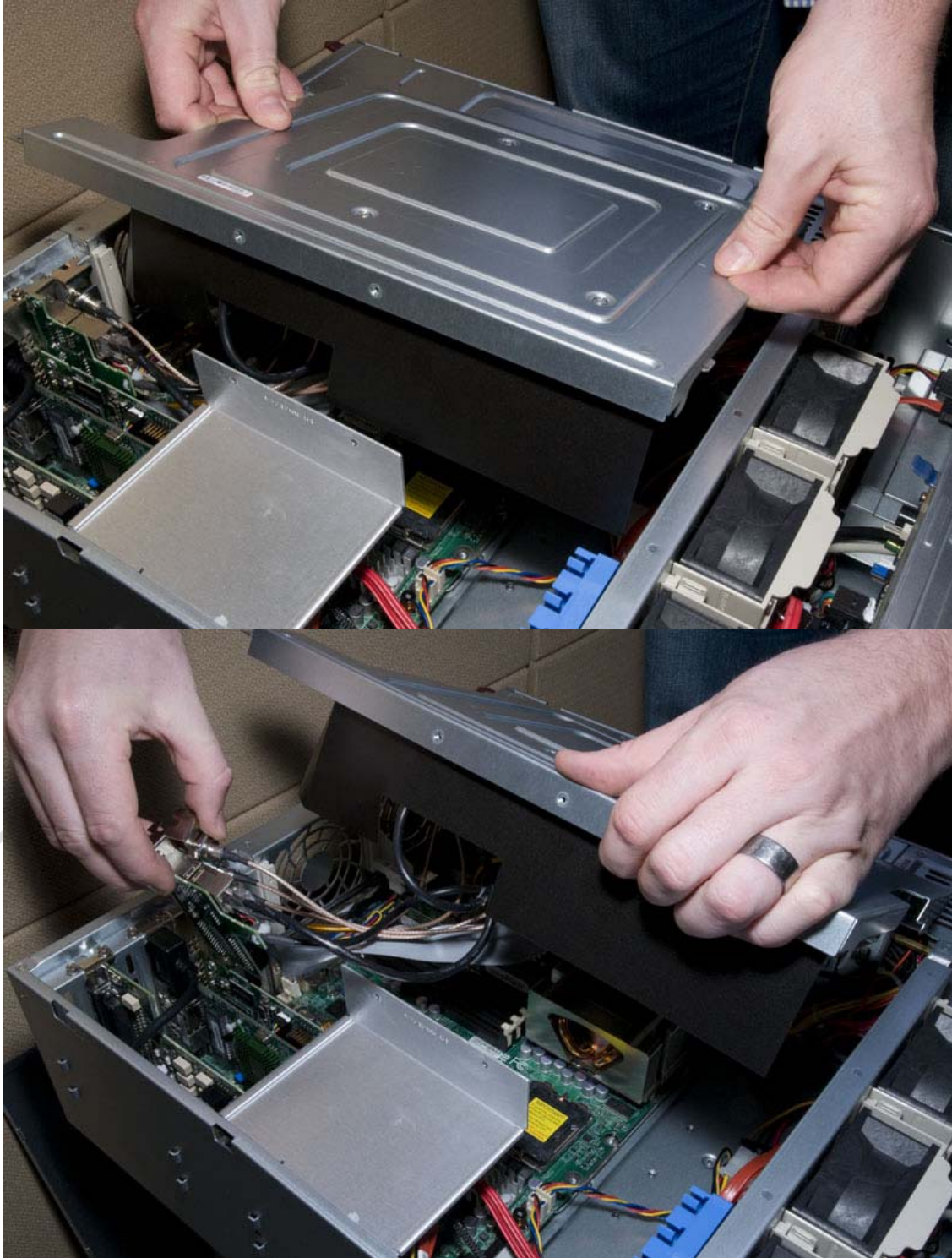
Remove the 2 screws on the CAT862 board cover.



1-1

Card Removal/Replacement

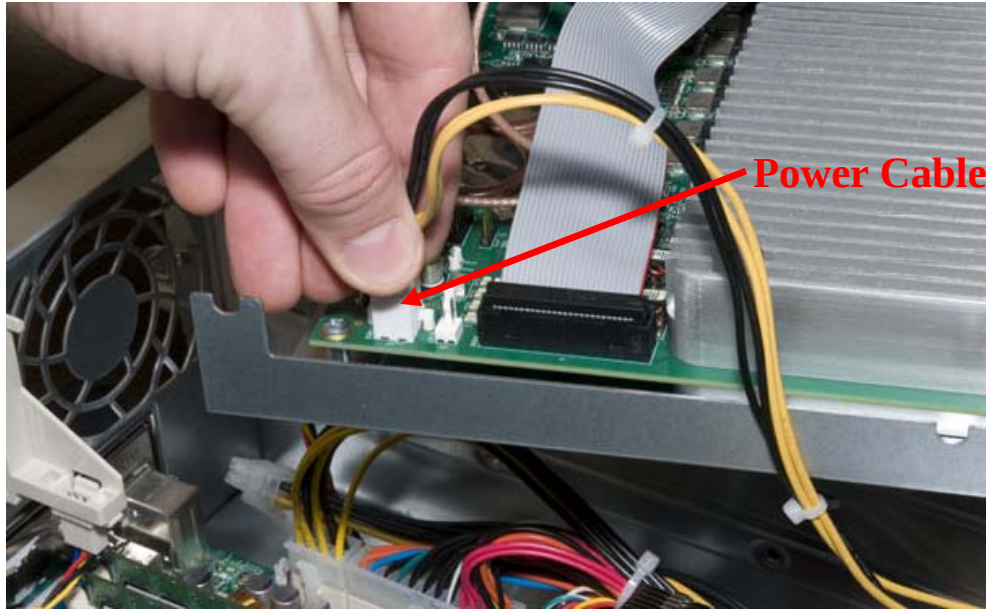
With the 4 screws removed, carefully lift the CAT862 from the DSS200.
One card, along with some cabling will come out as well:



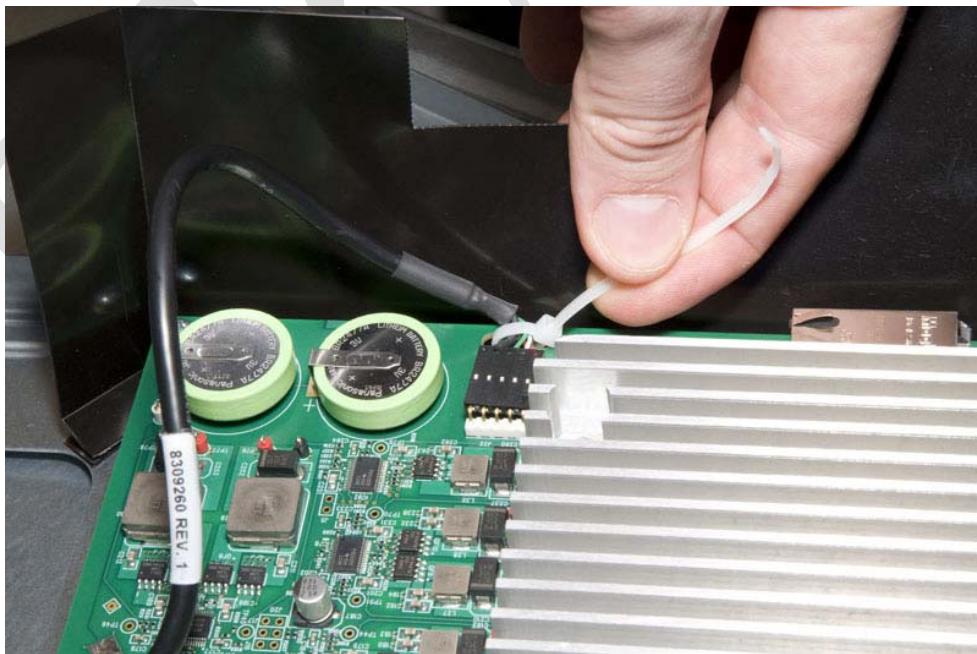
1-1

Card Removal/Replacement

Unplug the power cable to allow you to remove the CAT862 assembly from the DSS200:



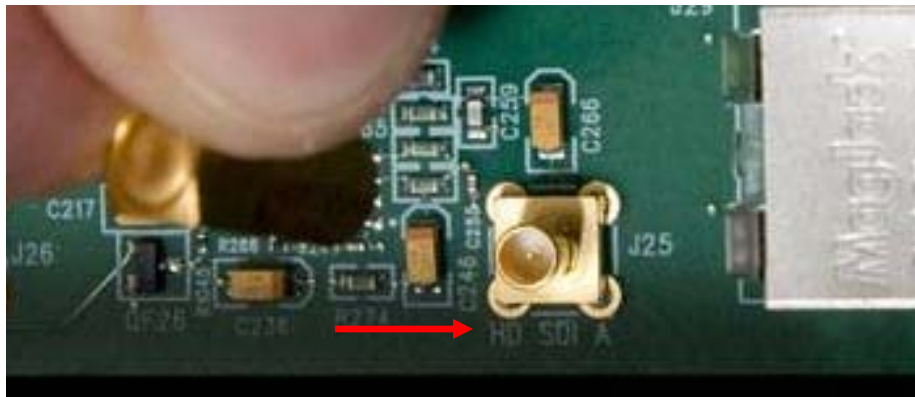
You may now move the cables from the old CAT862 to the new CAT862. Replace any cable ties/strain relief that you remove:



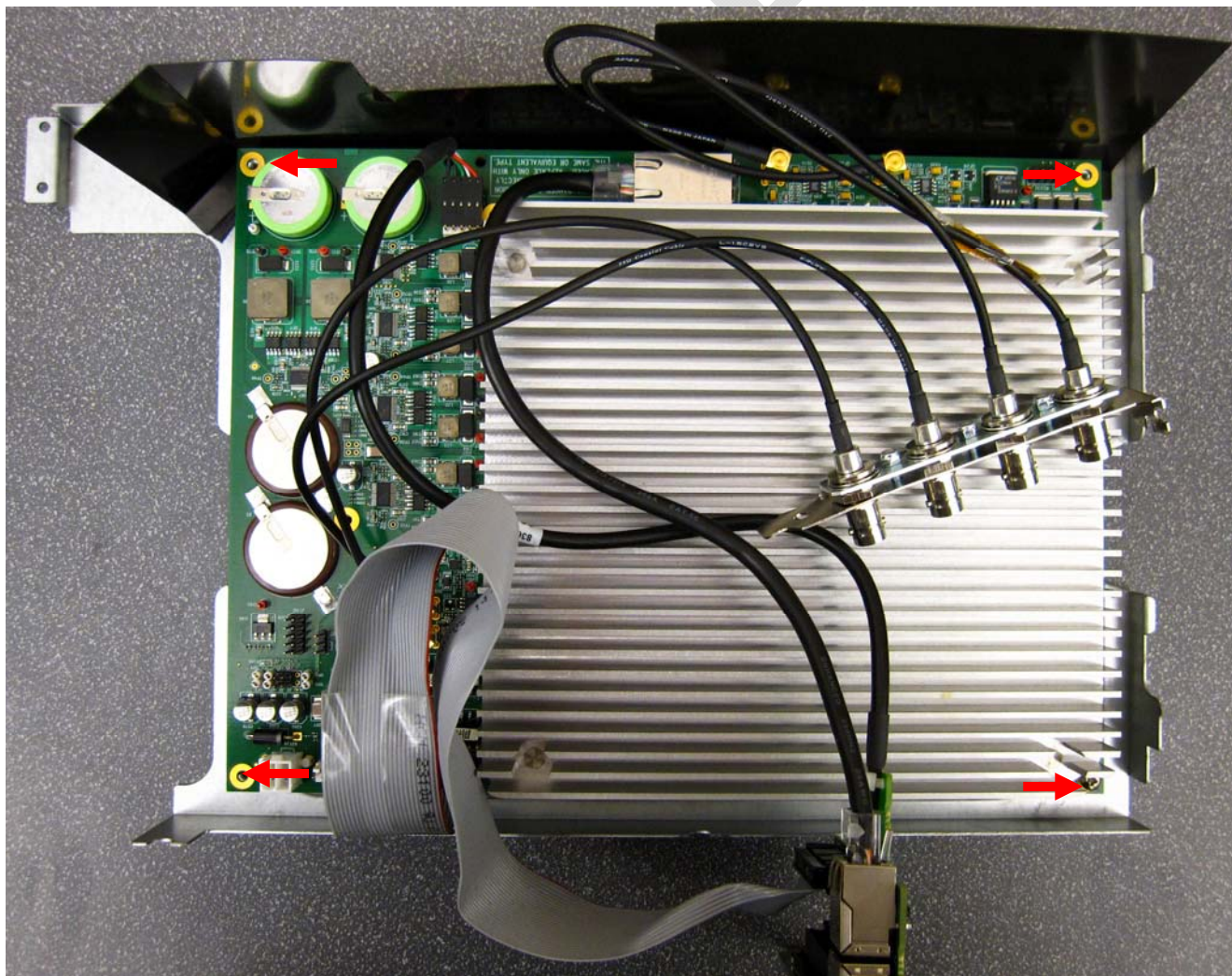
1-1

Card Removal/Replacement

The SMB connectors are labeled as to function:



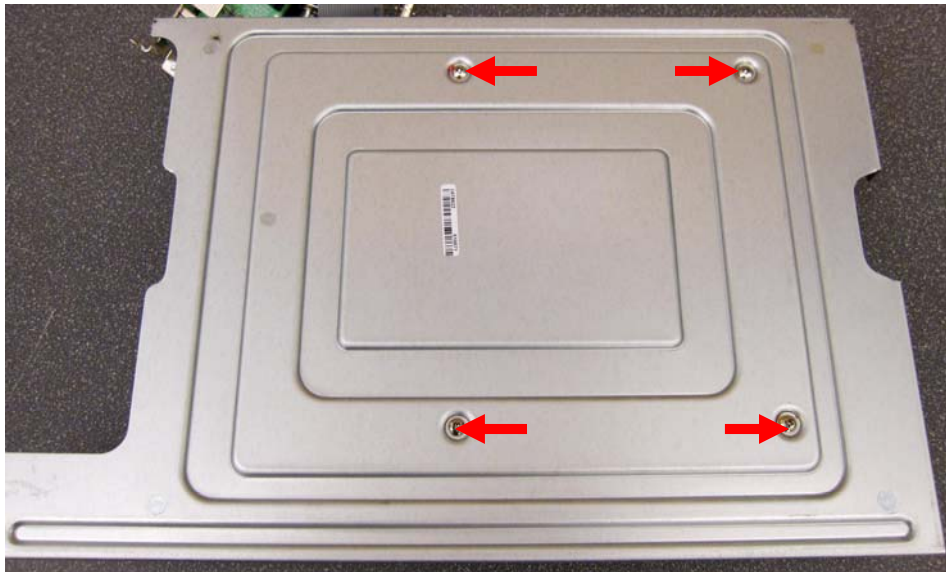
You may have to move the large mounting bracket from the old CAT862 to the new unit. Locate and remove the 4 screws at the corners of the CAT862:



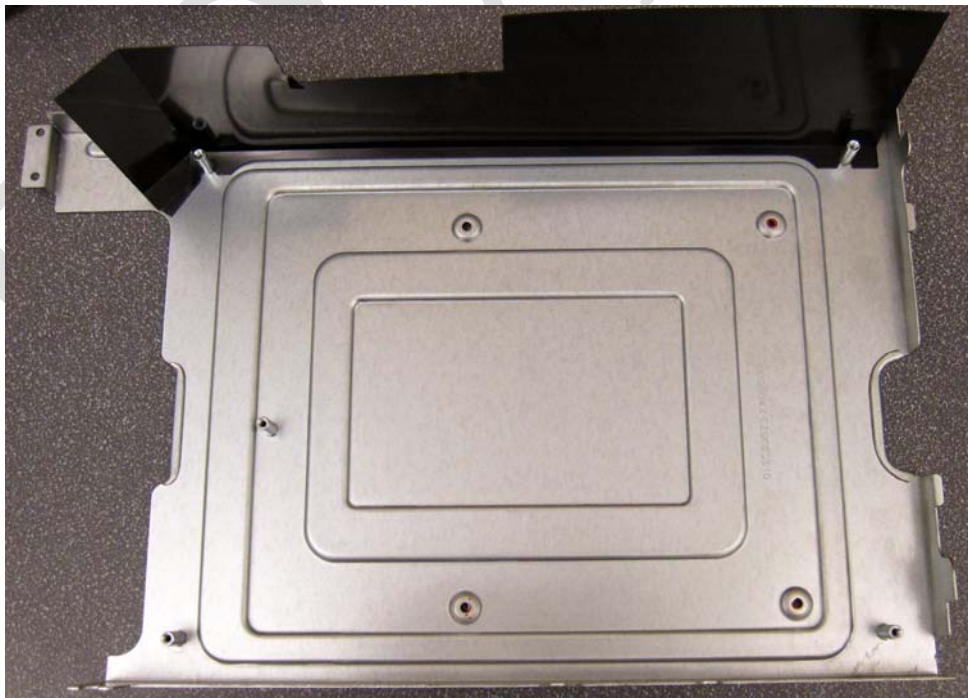
1-1

Card Removal/Replacement

Carefully turn the CAT862 over and locate the 4 screws on the mounting plate:



These screws may have RED Loctite sealant applied to the screw threads. Be careful not to strip the Phillips screw heads. Once the screws have been removed, you can lift the mounting hardware away from the CAT862:

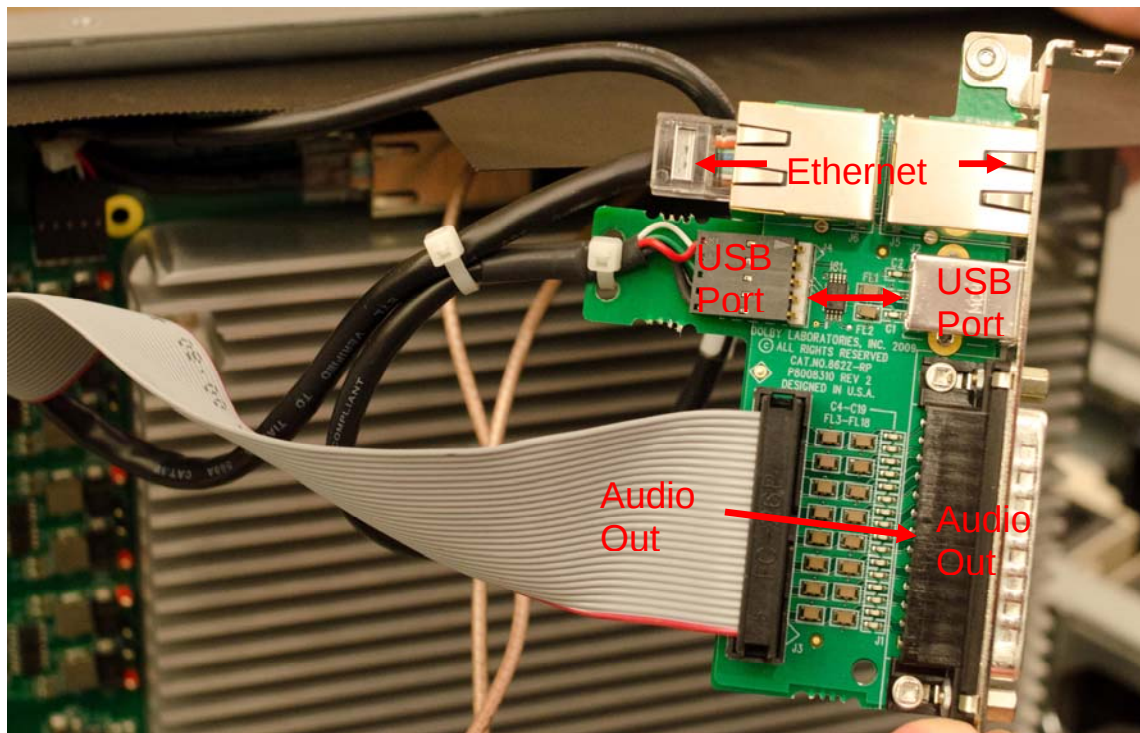


Install the mounting hardware onto the new CAT862 and reassemble.

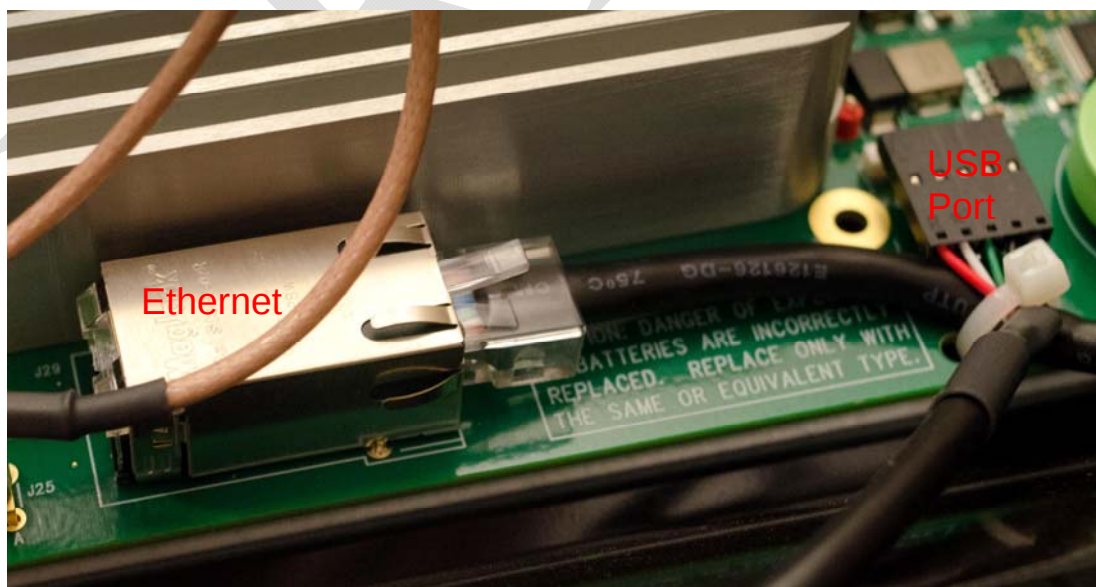
1-2

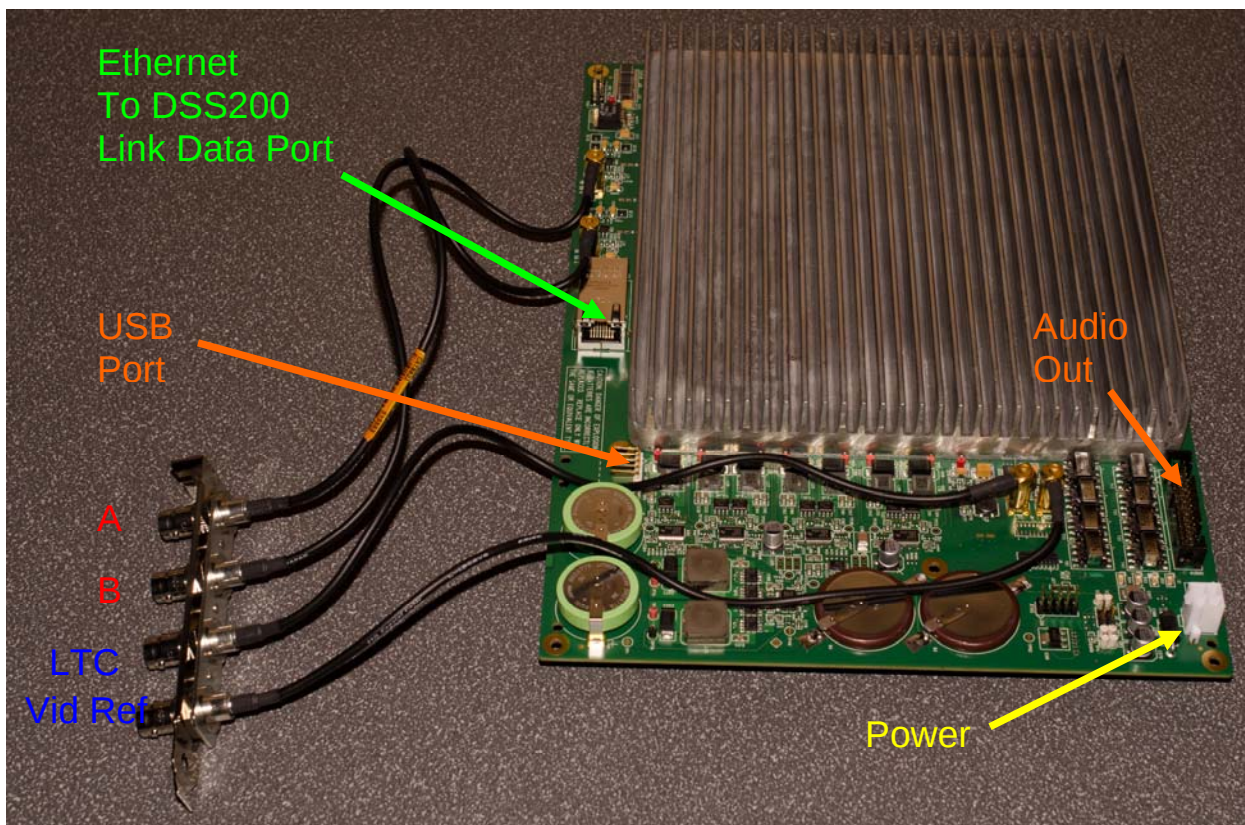
Card Connections

Ethernet/USB/Audio Board:



On the CAT862:





Connections:

Power: 12 VDC on each pair (Yellow/Black)

Audio: DB25 Ribbon Cable

Video Cables: SMB to BNC

Ethernet: CAT 6 cable

USB: Internal USB cable

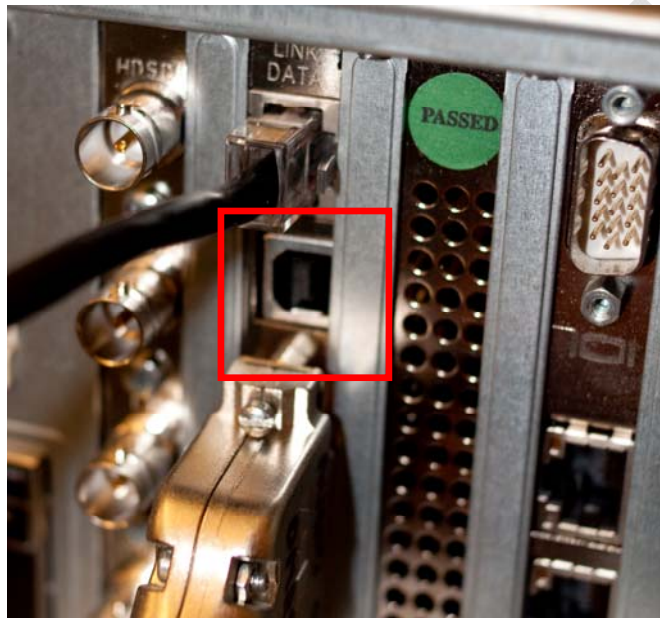
1-3

Troubleshooting

CAT862 does not boot up.

“Error Securing Connection to Show Player”

Check/remove any USB cable from the USB port on the CAT862 card.

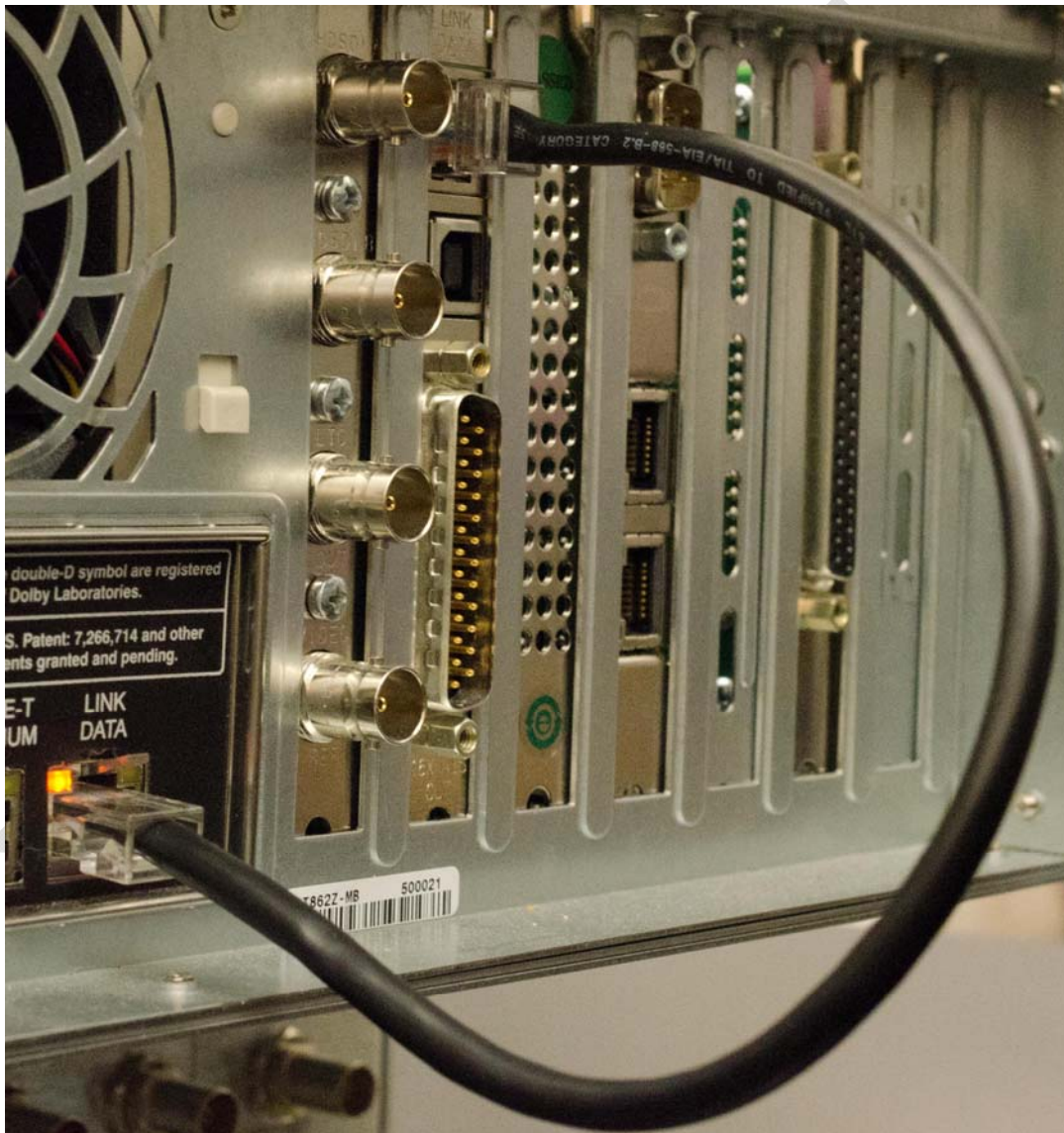


Power cycle the DSS200.

Note: The CAT862 will boot up into UPGRADE MODE if there is a USB cable plugged into the CAT862 USB-B port.

Ethernet Connection:

If you are experiencing a loss of Ethernet connection between the DSS200 and the CAT862 card, you should try and replace the short cable on the outside of the DSS200 first. (Use only HIGH QUALITY Cat 6 or Cat5e cable)



If that does not correct the problem you may wish to replace the Ethernet cable inside the DSS200.