

Safety Information

To ensure your personal safety and the safety of your equipment:

- Keep your work area and the computer clean and clear of debris.
- Before opening the system cabinet, unplug the power cord.

ELECTROSTATIC DISCHARGE (ESD)

CAUTION: ESD can damage electronic components when they are improperly handled, and can result in total or intermittent failures. Always follow ESD-prevention procedures when removing and replacing components.

To prevent ESD damage:

- Use an ESD wrist or ankle strap and ensure that it makes skin contact. Connect the equipment end of the strap to an unpainted metal surface on the chassis.
- Avoid touching the controller against your clothing. The wrist strap protects components from ESD on the body only.
- Handle the controller by its bracket or edges only. Avoid touching the printed circuit board or the connectors.
- Put the controller down only on an antistatic surface.

Removing the Controller and Battery Cards

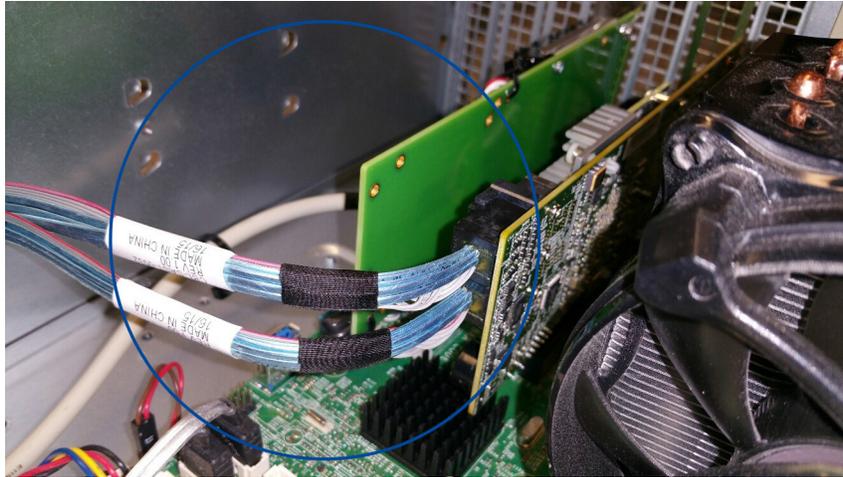
1. Turn off your computer and disconnect the power cord.
2. Remove the chassis cover screws (2x) to access the controller card and battery card.



3. Disconnect the battery pack connector on the battery card as shown.



4. Locate the controller array cables and mark the cables as "top" and "bottom" for reference.



5. Disconnect the two controller array connectors



6. Remove PCI slot screws for both controller card and battery card.



CAUTION: Handle the controller by its bracket or edges

7. Upon removal of both cards, locate and remove the battery module board stud screws on the back side of the controller card.



8. Remove module board from controller card.



9. Reconnect battery card module board onto new controller card as shown and reinstall the 2 mounting screws on the back of the controller card.



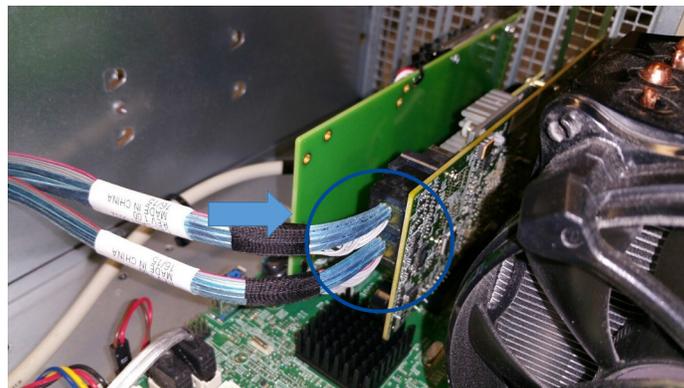
Installing the Controller

While wearing an ESD wrist strap, perform the following:

1. Ensure the correct sized PCI slot bracket is installed on the new RAID controller card.
2. Ensure controller card and battery are properly seated into original slot locations and secure in place with PCI slot screws.



3. Reconnect the two controller card cables top and bottom as previously marked.



4. Reconnect battery pack connector.



5. Apply chassis cover and tighten down screws (2x).
6. If you see an error when restarting the unit, contact Pelco technical support at www.pelco.com/support or call 1-800-289-9100.