CAM
Quick Install Guide

Allied Telesis

CAM Quick Install Guide
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Models Covered By This Guide

This Quick Install Guide contains information on installing the LineCAM Content Addressable Memory (CAM) extender cards.

Package Contents

The following items are included with each CAM extender card. Contact your sales representative if any items are damaged or missing.

■ One CAM extender card.

■ One CAM Quick Install Guide.

■ Screws to secure CAM card to the base board's mounting pillars.

■ One warranty card.

Installing a CAM Extender Card

CAM should only be installed in AT-9800 Series switches by authorised service personnel. Unauthorised opening of a switch's lid may cause danger of injury from electric shock, damage to the switch, and invalidation of the product warranty.

One LineCAM extender card can be installed in each AT-9800 Series switch.

To install a LineCAM extender card in an AT-9800 Series switch:

1. **Avoid injury by working in a safe environment.**

   The workspace should be free of hazards, and there should be sufficient room to lay out the switch, CAM card, and tools.

2. **Unpack the CAM card in an antistatic environment.**

Do not attempt to install any hardware without observing correct antistatic procedures. Failure to do so may damage the switch or CAM card. If you are unsure what the correct procedures are, contact your authorised Allied Telesis distributor or reseller.

3. **If fitted, disconnect the switch's redundant power supply.**

4. **Disconnect the mains power cord.**

Before removing the switch's lid, the power cord and, if connected, RPS power cord should be disconnected to reduce risk of electrical shock.

5. **Remove all interface cables.**
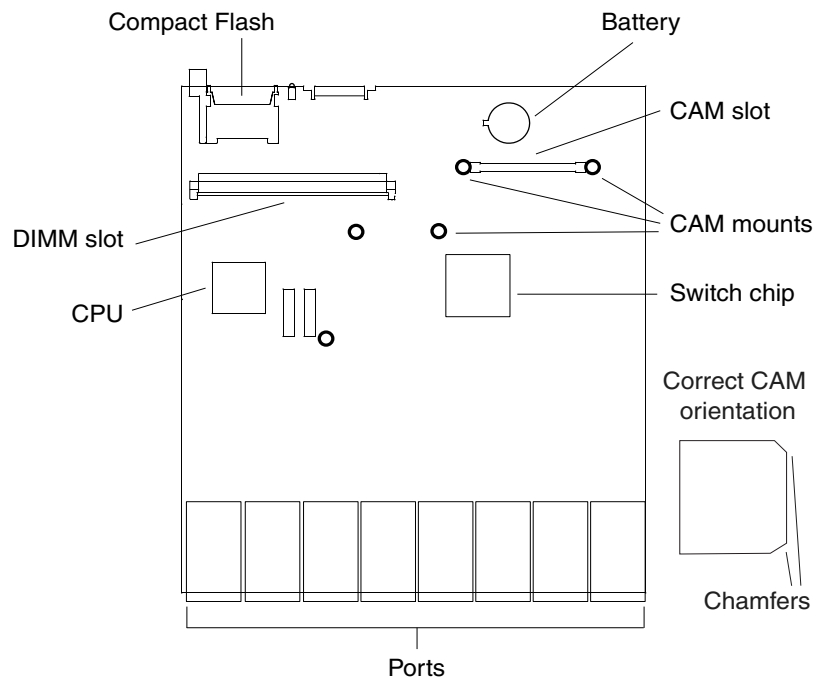
6. **Remove the switch's lid.**

    The switch may need to be removed from any rack mounting system before its lid can be removed.

    Using a posidrive screwdriver, remove the 12 screws that secure the switch's lid. There are 5 screws located in countersunk holes on each side of the lid, and 2 screws at the rear.

7. **Align the CAM.**

    Position the CAM card over the CAM slot on the switch's PCB. The three support pillars located on the board should be aligned with the holes on the CAM card, and the cards chamfers should be pointing to the switch's PSU (see Figure 1 on page 4).

Figure 1: AT-9800 Series CAM slot and pillar mounts.

8. **Insert the CAM extender card.**

    Press the CAM card firmly into place. Secure the card to the support pillars using the supplied screws.

    The CAM card is now ready to test.

Testing the CAM Extender Card

To check the switch has recognised the CAM card, turn on the switch and enter the command:

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show switch
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to display system information, including the amount of CAM installed.

If there is no entry for the CAM, or the entry displays an unexpected value, then the switch has not correctly detected the CAM's presence. The most likely cause is that the CAM card is not correctly plugged into the its slot. Repeat the installation process, paying particular attention to the CAM card alignment and insertion steps.

Use the **show switch** command again, and if the display is still not correct, contact your authorised Allied Telesis distributor or reseller.

Where To Find More Information

Sources of further information:

■   The Documentation and Tools CD-ROM bundled with your switch, which contains the complete Documentation Set for your switch and its expansion options, as well as tools for managing the switch.

■   The Safety and Statutory Information Booklet for your switch, which provides safety and statutory information for the switch and CAM card.

■   The Hardware Reference for your switch, which provides detailed information on switch and CAM card hardware features.

■   The Software Reference for your switch, which provides detailed information on configuring the switch and its software.

■   www.alliedtelesis.com