



QUICK INSTALLATION GUIDE FOR THE SUPERSTACK II SWITCH 1100/3300 ATM EXPANSION MODULE

This guide describes how to install the ATM Expansion Module using the example of a SuperStack II Switch 3300 device. Installation is similar for all devices compatible with this ATM Module.



CAUTION: Only hold the ATM Module by the edges to avoid damage from static. Do not touch the top or bottom of the circuit board.

Before proceeding make sure you are properly grounded with a wrist strap. If no grounding equipment is present, place the switch on a flat clean, hard, working surface and use the anti-static bag that the module was shipped in.



WARNING: Installation and removal of the module must be carried out by qualified personnel only. Before installing the module into a unit, you must first disconnect the unit from the mains power supply.



AVERTISSEMENT: Confiez l'installation et la dépose de ce module à un personnel qualifié. Avant d'installer ce module dans un group, vous devez au préalable débrancher ce group de l'alimentation secteur.



WARNUNG: Die Installation und der Ausbau des Moduls darf nur durch Fachpersonal erfolgen. Vor dem Installieren des Moduls in einem Gerät muß zuerst der Netzstecker des Geräts abgezogen werden.



WARNING: Class 1 LED Product. Do not view the LED through any magnifying device while it is powered on. Never look directly at the fiber Tx port and fiber cable ends when powered on.



AVERTISSEMENT: Ce produit est un LED classe 1. Ne pas regarder le LED Transmis à travers une loupe lorsque l'appareil est en marche. Ne regardez jamais directement le port Tx à fibres optiques et les embouts de câbles à fibres optiques tant qu'ils sont sous tension.



WARNUNG: LED Produkt der Klasse 1. Schauen Sie nicht durch ein Vergrößerungsgerät direkt auf das übertragende LED, wenn der Strom eingeschaltet ist. Niemals direkt auf den Faser-Tx-Anschluss und auf die Faserkabelenden schauen, während diese eingeschaltet sind.



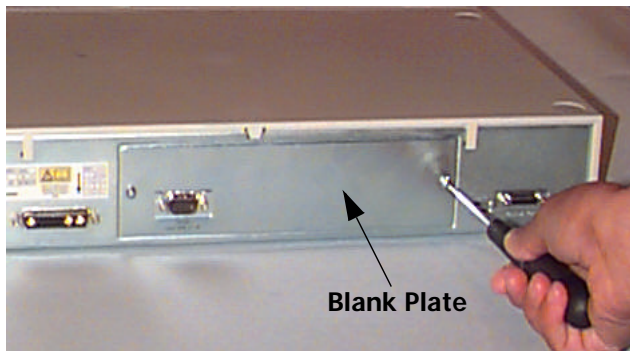
Warning: Disconnect the Switch from the network, power it off and then disconnect the Switch from the main power supply.

Step 1:

Remove the blank plate that is located at the back of the SuperStack II Switch, by unscrewing the two Philips screws as shown in **Figure 1**.

Retain the blank plate and the screws for future use.

Figure 1 Removing the Blank Plate

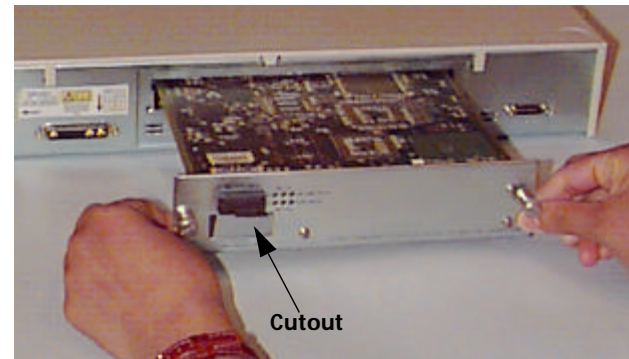


Step 2:

Hold the module with the cutout on your front left side, without touching the top or bottom of the circuit board. Use the guide rails within the switch slot to align the ATM Expansion Module as shown in **Figure 2**.

Slide the ATM Expansion Module into the slot. Ensure that the module is fully engaged to the switch. You should hear a click.

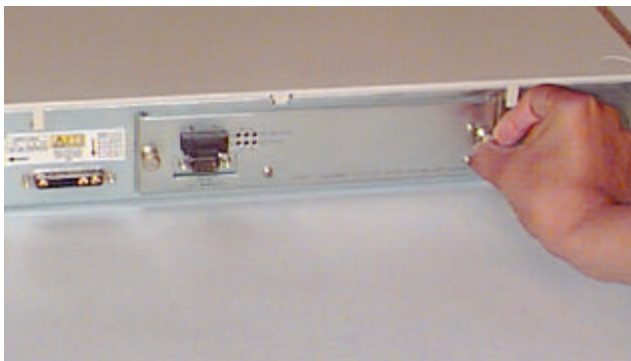
Figure 2 Aligning and Inserting the ATM Expansion Module



Step 3:

Use the slotted screws attached to the ATM Expansion Module to fix the module firmly into place as shown in **Figure 3**.

Figure 3 Securing the ATM Expansion Module



Step 4:

Connect the Switch with the installed ATM Expansion Module, see **Figure 4**, to the ATM network.

Figure 4 The Installed ATM Expansion Module



For more information on installation, please refer to Chapter 7 of the ATM Expansion Module User Guide.

IP Configuration



IP configuration is performed during installation and does not need to be repeated thereafter.

- 1 Log into the web interface of the Switch.
- 2 Click on the ATM MODULE button of the web mimic (see Figure 5).

Figure 5 Web Mimic Incorporating ATM Expansion Module



- 3 Fill in the fields of the IP address setup screen (see Figure 6) generated as a result of step 1 and click *Apply*.

Figure 6 IP Address Setup Form

Module Setup

Enter a unique IP address for the device.

IP Address :

Enter a suitable subnet mask.

Subnet Mask :

If a default router exists on your network, type in its IP address below.

Default Router :

Module State :

Apply

- 4 Make sure the values used in step 3 are correct.

Incorrect value(s) generate IP address error message(s) (see Figure 7). Fill in the correct value(s) and click *Apply*. The web mimic will reappear.

Figure 7 IP Address Setup Error Message

Module Setup Format Errors - Reset to original values

Enter a unique IP address for the device.

IP Address :

Enter a suitable subnet mask.

Subnet Mask :

If a default router exists on your network, type in its IP address below.

Default Router :

Module State :

Apply

- 5 To change any of the parameters, repeat steps 3 and 4. (After the first log-in, you don't need the web mimic, even though it reappears following step 4.)

Logging On

- 1 To begin a TELNET session, open it to the ATM Module IP address. The following prompt is displayed:

SuperStack II 3300/1100 ATM Expansion Module
Software Version 1.0

Access Level: (read, write, admin)

- 2 Type in your access level followed by your password. Note that they are both case-sensitive:
- n If you are logging on for the first time (after installation or initialization), use a default user name and password to match your access requirements and privileges, in accordance with Table 1.
 - n If you have been assigned a user name, access level and password, type in these details.

Table 1 Users and their Privileges

User Type	Access Level/ Default Password	Privilege
junior operator	read	Reading everything except technician displays; no writing
senior operator	write	As above, plus writing for Fast Setup and Velan settings
administrator /security official	admin	Reading and writing everything except technician-exclusive displays.
technician	debug	Reading and writing everything.

For access rights to Switch screens, see the user guide that accompanies your Switch.

When you have logged on, the Main Menu screen is displayed.

Velan Configuration Menu

The Velan Configuration submenu can be accessed from the Main Menu. Select the `velan` option from the Main Menu. This generates the Velan Configuration submenu appearing in Figure 8.

Table 2 explains the operational meanings of the submenu items.

Table 2 VLAN/ELAN Configuration Submenu Items and Operational Meanings

Item	Operational Meaning	Option	Option Meaning
[1] configure	Opens a submenu which offers options to create, display, or modify VLAN/ELAN.		
[2] elanState	Offers options to start, stop, or restart specific VLAN/ELAN	start	Connect LEC to its Emulated LAN
		stop	Disconnect LEC from its Emulated LAN
		restart	Disconnect and automatically reconnect LEC
[3] display	Displays information summary of all VLAN/ELANs		

Figure 8 Velan Configuration Submenu

```

velan
[1]configure    - Configure VLAN/ELAN parameters ->
[2]elanState   - Start/Stop/Restart ELAN
[3]display     - Display summary VLAN/ELAN information

```

Configure Submenu

The Configure submenu appears in Figure 9.

Figure 9 Configure Submenu

```

velan/configure
[1] display     - Display VLAN/ELAN information
[2] add        - Add VLAN/ELAN
[3] delete     - Delete VLAN/ELAN
[4] statistics - Display VLAN/ELAN statistics

```

Setting up an ATM VLAN/ELAN

- 1 Go to the Configure submenu.
- 2 Select [2] add.
- 3 Enter ELAN name as configured in the LECS, and the 802.1Q tag as configured in the 1100/3300 VLAN settings.
- 4 Observe creation and enabling of a new VLAN/ELAN.



Manufacturing default gives this product a single VLAN/ELAN, i.e. the Admin VLAN/ELAN which cannot be changed or deleted. The ELAN name is "admin", the VLAN/ELAN ID is 1, and the 802.1Q tag is 1.

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