



# GarrettCom®

Industrial Networking at Its Best™

## Port Module Insertion, Magnum 4K8 Switch

**Caution:** *Make sure that the power cord is unplugged from the unit, prior of installing or removing port modules.*

**Note:** Please use proper electro-static discharge (ESD) measures when handling port modules (like most electronic equipment) are sensitive and are subject to damage by excessive ESD.

To insert the FPM port modules into the 4K8 chassis, first remove the top chassis cover by unscrew the screws holding it in place. Remove the retaining screws at the bottom, holding the face plate. Now the port module is ready to insert and install on the 4K8 board.

The insertion procedure is in 4-steps:

**STEP 1:** Select the space next to port 8, a separate slot that can be populated with any FPM-series Port Module for selecting the desired media connector type. Insert and place the FPM as shown in **Figure 1** – angled down against the front inside of the chassis. Each port module fits into the selected cut-out slot in the front of the chassis.

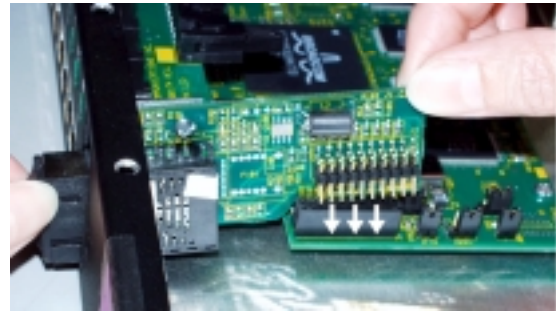


**Figure 1**

**STEP 2:** Align the connector pins on the bottom of the FPM card with the connector socket inside the unit. In order to do so, bend the port module down at the front to match the pin provided for installation as shown in **Figure 2**.

Each row of connector holes should be aligned precisely with each row of connector pins on the module. There

should be no overlap of rows. (Note: If aligning the pins with the connector socket create problem then just unscrew the four nut holding the main board and move the board little back and match the pin and insert it nicely and screw down the board immediately). The front of the port module must be properly positioned in the slot cut-out in order for correct pin alignment to occur.



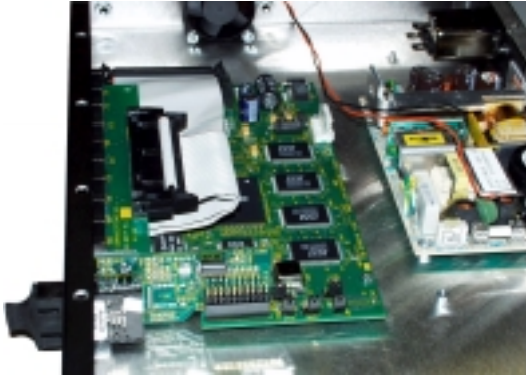
**Figure 2**

**STEP 3:** Once the pins are aligned and the module is angled to fit against the front slot, carefully press the pins into position. Some pressure is required. Do not force the pins into the connector when they are not correctly aligned. The pins will become damaged or bent if they have not been aligned properly and are forced into an incorrect position. The installed FPM module are shown in **Figure 3**



**Figure 3**

**STEP 4:** To complete the port module installation, install the Fiber port module screw at the bottom of the port module that was just inserted. Verify all the screws and the connection for double check. After the completion of PM insertion the final setup looks are shown in the **Figure 4**



**Figure 4**

This completes the installation process of any particular port module.  
NOTE: When leaving port module slot empty, always use a face plate in the empty slot.

Once the port module has been installed the Chassis cover should be replaced and securely fastened with screws.

See also “**Magnum 4K8 Installation and User Guide**” for additional information about the product.

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