2 door panels can be expanded to 4 doors by adding an optional 2 door expansion module. The module plugs into the back of the 2DM or 2DMPL panel and provides additional 2 Doors - inputs and outputs.

The 2 Door Expansion Module in installed as follows.

1. Login to the controller and manually backup user data and log data.

2. Disconnect the backup battery from the power module.

3. Disconnect main power from the system by removing the power cord.

4. The expansion module mounts under the 2 door controller and the 2 door controller will have to temporary removed. Note the location of all the plugin connectors and carefully unplug them and unplug the network cable.

5. Remove the 4 screws securing the controller to the mounting posts and carefully remove the 2 door controller. The screws will be used to reinstall the controller.
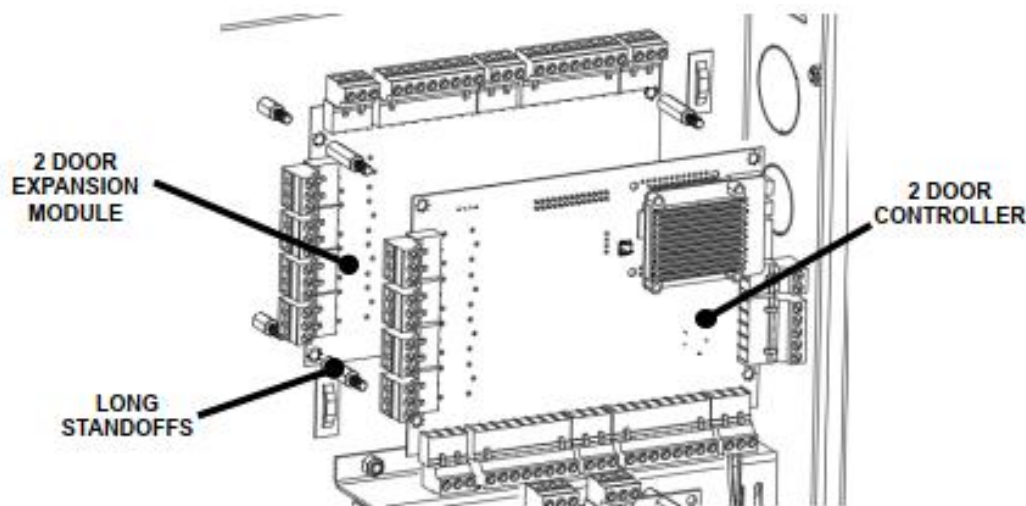
6. Remove the longer standoffs. These will be used to reinstall the controller.

7. Align the 2 door ACM over the short standoffs attached to the enclosure, with the reader connectors towards the top of the enclosure.

8. Use the longer standoffs, removed in step 6, to secure the expansion module to the short standoffs. *Do not over tighten or the expansion module could be damaged.*

9. Plug the ribbon cable from the expansion module into the 26 pin connector on the back of the 2 door controller. Make sure the connector is properly positioned and aligned. *An improper connection will damage the expansion module and the controller.*

The board shown is the ACM board – each connector is positioned for a flat connection.- Up position to connect to the 2 Door Controller
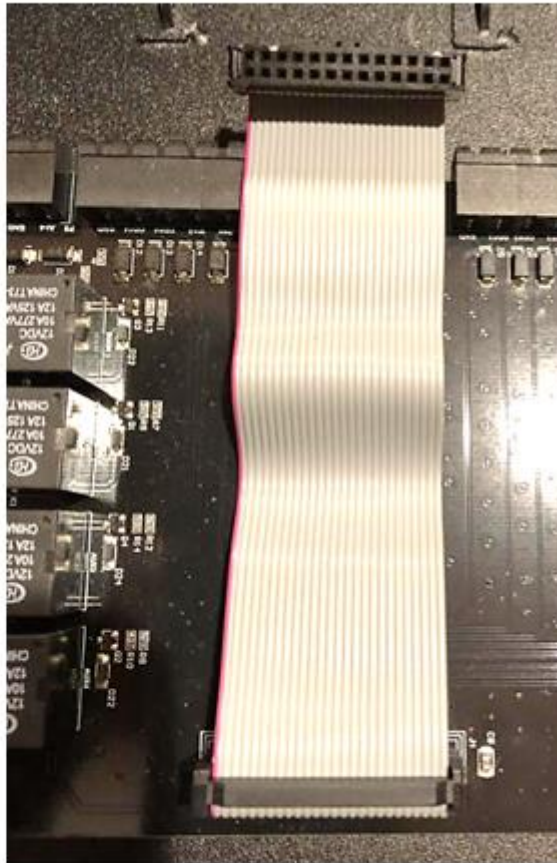
The board shown is the ACM board – each connector is positioned for a flat connection.- Down position for ACM

Note: The ribbon cable is design to be installed flat and color code does not matter. First pin must align with the other end first pin of the ACM board.

10. Align the 2 door controller over the longer standoffs and use the screws removed in step 5 to secure the controller. *Do not over tighten or the controller could be damaged.*

11. Reconnect the plugin connectors and the network cable and make the connections to the expansion module before reapplying power or connecting the backup battery.

Install and setting up 2 Door add on ACM Expansion Board

1. Power on Neptune.

2. Go to license page.

3. He will see "Add expansion key" button

4. Click "Add expansion key" button

5. System will be rebooted automatically.

Contact & Warranty Information

Sicunet, Inc.

4840 Irvine Blvd, #113

Irvine, CA USA 92620

Refer to our website for warranty information.

Phone: 857.346.0130

FAX: 714.512.6816

email: info@sicunet.com

email: sales@sicunet.com

email: tech@sicunet.com