

About this Kit

This kit provides update diskettes for SpeedDome Ultra I and SpeedDome Ultra II domes installed with VM96 version 4.0/4.1 running on SensorNet networks only. **Do not use these instructions with SpeedDome Ultra I or Ultra II domes installed on RS-422 networks.**

This kit contains the following parts:

- a) SpeedDome Ultra I Update Diskette 0701-2820-0101
- b) SpeedDome Ultra II Update Diskette 0701-2821-0101
- c) SDU I/II Update Instructions for VM96 8000-1952-02

Identifying Dome Types

Before you attempt to update any domes, you must first identify the types of domes installed. If the site does not have SpeedDome Ultra I or Ultra II domes installed, you do not need to perform this update.

To identify the types of domes installed, use the VM96 Administrator menus. If you are not familiar with using these menus, refer to the VM96 System Administrator's manual (PN 8000-0606-04).

1. **Start the Administrator menus.**
2. **Move the cursor to Config, then select Cameras. Press ENTER.**
The Configure Cameras form displays.
3. **Note the address and version of all SpeedDome Ultra I and SpeedDome Ultra II domes installed.**
 - Use the **SpeedDome Ultra I/II Worksheet** provided on page 7 of this document.
 - Make copies of this worksheet if necessary.
4. **Search through each camera record to determine which cameras are either SpeedDome Ultra I or Ultra II.**
 - To do this, press **Alt+S** to start the search menu.
 - Use the arrow keys to select **Next Form**
 - Go through all forms noting the address and version information associated with SensorNet SpeedDome Ultra I and Ultra II domes only

The following is an example of the Configure Cameras form for SpeedDome Ultra I. The last

four digits of the Camera Version will be 02XX for SpeedDome Ultra I.

Configure Cameras	
Camera Number	1
Camera Name	Camera 1
Camera Type	SensorNet SpeedDome Ultra
Serial Number	1
Camera Address	1
Camera Version	070123130204
EE Version	070199800102

The following is an example of the Configure Cameras form for SpeedDome Ultra II. The last four digits of the Camera Version will be 03XX for SpeedDome Ultra II.

Configure Cameras	
Camera Number	1
Camera Name	Camera 1
Camera Type	SensorNet SpeedDome Ultra
Serial Number	1
Camera Address	1
Camera Version	070123130301
EE Version	070199800105

After recording the information related to the installed SpeedDome Ultra I and Ultra II domes, you are ready to begin upgrading the domes.

Upgrade Procedure

If you have both SpeedDome Ultra I and Ultra II domes that need to be upgraded, it is highly recommended that you upgrade the Ultra I domes first. By first upgrading the Ultra I domes, you can use the quick method for updating SpeedDome Ultra II domes described later in this document.

IMPORTANT PRECAUTIONS

Be sure that you use the correct diskette for the type of domes you are upgrading. Using the wrong files during the download process could render the dome useless. **USE CAUTION!**

Upgrading SpeedDome Ultra I Domes

If you do not have SpeedDome Ultra I domes to update, continue with the section titled **Updating SpeedDome Ultra II Domes**.

1. Insert the diskette labeled “SpeedDome Ultra I Update Diskette” in the VM96 system diskette drive.
2. Start the Administrator Menus.
 - a. Use the arrow keys to move the cursor to **Utilities**, then select **Copy File To/From DOS**
 - b. Press **ENTER**.
3. At the Source prompt, type **a: /*** then press **ENTER**.
4. At the Directory prompt type **.** then press **ENTER**.
5. At the **Ascii/binary** prompt, press **ENTER**.
6. As the files copy, the system prompts you to overwrite existing files. Press **Y**, then **ENTER** to overwrite the files.
 - Each new message is always written on the top line of the display. Watch these messages carefully to ensure that you answer each prompt.
 - When all files are copied, the system returns to the Utilities menu.
7. Change the file modes on the batch files.
 - a. With the **Utilities** menu displayed, select **Exec Utility**.
 - b. Use the arrow keys to highlight the file named **/bin/chmod**. Then press **ENTER**.
8. The **Arguments** prompt appears. Type the following command:
 - a. **777 *.bat**
 - b. Press **ENTER**
 - c. The system returns to the Utilities menu.
9. Move the cursor to **Exec Utility**. Press **ENTER**.

10. Use the arrow keys to highlight the file named **gethex.bat**, then press **ENTER**.

- This command copies files from the diskette to the hard drive and removes bin files.

11. The **Arguments** prompt appears. Press **ENTER**.

- Messages may appear on the screen.
- You may be prompted to overwrite files; if so, press **Y** then **ENTER**.
- When the Message window appears, press **ESC** twice to return to the Administrator menu.

12. Remove the diskette from the VM96 system diskette drive.

You are now ready to begin downloading SpeedDome Ultra I domes. Refer to the section titled **Downloading Ultra I Domes**.

Downloading Ultra I Domes

IMPORTANT PRECAUTIONS

Be sure that you know which type of domes you are downloading. You cannot download both SpeedDome Ultra I and SpeedDome Ultra II domes using the same files. Using the wrong files during the download process could render the dome useless. **USE CAUTION!**

Note: If you experience failures while performing this procedure, attempt the download again.

1. From the Administrator menu, select **Utilities**, then **Network Maintenance**. Press **ENTER**.
2. The list of devices displays. Use the arrow keys to select **SensorNet SpeedDome Ultra**, then press **ENTER**.
3. Use the arrow keys to move the highlight to the **Device Number** field.
4. Referring to the worksheet, type the address of the dome you are trying to download in the **Device Number** field.
5. Use the down arrow key to move the cursor to the **Device Function** field, then select **Force Download Flash**. Press **ENTER**.

6. Press **Alt+P, R**, then **ENTER** to start the download.
 - You will be prompted to continue with the download. Select **Continue** then **ENTER**.
 - The download takes approximately 5 minutes. Repeat steps 3 through 6 for each dome that needs to be downloaded. Remember that you cannot download both Ultra I and Ultra II domes during the same session.
7. When finished downloading, press **Alt+X**, then **ENTER**.
8. Verify that the domes have the correct versions.
 - Follow the instructions found in the section titled **Identifying Dome Types** on page 1.
 - After the update, SpeedDome Ultra I domes will have a version of 0210.
 - The EE version for both Ultra I and II domes will be 070199800105.
9. After downloading all Ultra I domes, remove the download files so that a user does not inadvertently attempt to download domes.
 - a. Move the cursor to **Utilities**, then select **Exec Utility**.
 - b. Use the arrow keys to highlight **renhex.bat**, then press **ENTER**.
 - c. At the Arguments prompt, press **ENTER**.
 - d. When the message window appears, press **ESC** twice to return to the Administrator menu.

Upgrading SpeedDome Ultra II Domes

If you have downloaded SpeedDome Ultra I domes, you can use the **Quick Update Method for SpeedDome Ultra II** on page 5. Otherwise, follow these instructions to upgrade the domes.

1. Insert the diskette labeled “SpeedDome Ultra II Update Diskette” in the VM96 system diskette drive.
2. Start the Administrator Menu.
 - a. Use the arrow keys to move the cursor to **Utilities**, then select **Copy File To/From DOS**

- b. Press **ENTER**.
3. At the Source prompt, type **a: /*** then press **ENTER**.
4. At the Directory prompt type **.** then press **ENTER**.
5. At the Ascii/binary prompt, press **ENTER**.
6. As the files copy, the system prompts you to overwrite existing files. Press **Y**, then **ENTER** to overwrite the files.
 - Each new message is written on the top line of the display. Watch these messages carefully to ensure that you answer each prompt.
 - When all files are copied, the system returns to the **Utilities** menu.
7. Change the file modes on the batch files.
 - a. With the **Utilities** menu displayed, select **Exec Utility**.
 - b. Use the arrow keys to highlight the file named **/bin/chmod**. Then press **ENTER**.
8. The Arguments prompt appears. Type the following command:
 - a. **777 *.bat**
 - b. Press **ENTER**.
 - c. The system returns to the **Utilities** menu.
9. Move the cursor to **Exec Utility**. Press **ENTER**.
10. Use the arrow keys to highlight the file named **gethex.bat**, then press **ENTER**.
 - This command copies files from the diskette to the hard drive and removes bin files.
11. The Arguments prompt appears. Press **ENTER**.
 - Messages may appear on the screen.
 - You may be prompted to overwrite files; if so, press **Y** then **ENTER**.
 - When the Message window appears, press **ESC** twice to return to the Administrator menu.
12. Remove the diskette from the VM96 system diskette drive.

You are now ready to begin downloading SpeedDome Ultra II domes. Refer to the section titled **Downloading Ultra II Domes** on page 4.

Downloading Ultra II Domes

Downloading SpeedDome Ultra II domes is a two-phase process. Use these instructions for SpeedDome Ultra II domes only.

IMPORTANT PRECAUTIONS

Be sure that you know which type of domes you are downloading. You cannot download both SpeedDome Ultra I and SpeedDome Ultra II domes using the same files. Using the wrong files during the download process could render the dome useless. **USE CAUTION!**

Note: If you experience failures while performing this procedure, attempt the download again.

Phase 1

1. From the Administrator menu, select **Utilities**, then **Network Maintenance**. Press **ENTER**.
2. The list of devices displays. Use the arrow keys to select **SensorNet SpeedDome Ultra**, then press **ENTER**.
3. Use the arrow keys to move the highlight to the **Device Number** field.
4. Referring to the worksheet, type the address of the dome you are trying to download in the **Device Number** field.
5. Use the down arrow key to move the cursor to the **Device Function** field, then select **Force Download Flash**. Press **ENTER**.
6. Press **Alt+P, R**, then **ENTER** to start the download.
 - You will be prompted to continue with the download. Select **Continue** then **ENTER**.
 - The download takes approximately 5 minutes. Repeat steps 3 through 6 for each dome that needs to be downloaded. Remember that you cannot download both Ultra I and Ultra II domes during the same session.

7. When finished downloading, press **Alt+X**, then **ENTER**.

8. Verify that the domes have the correct versions.

- Follow the instructions found in the section titled **Identifying Dome Types** on page 1.
- After the update, SpeedDome Ultra II domes will have a version of 0306.
- The EE version for both Ultra I and II domes will be 070199800105.

Phase 2

Perform this procedure only after completing Phase 1. These steps must be performed for all SpeedDome Ultra II domes.

1. From the Administrator menu, select **Utilities**, then **Exec Utilities**. Press **ENTER**.
2. Use the arrow keys to locate **getcl.bat**, then press **ENTER**.
 - a. At the **Arguments** prompt, press **ENTER**.
 - b. When the Message Window appears, press **ESC** twice to return to the Administrator menu.
3. From the Administrator menu, select **Utilities**, then **Network Maintenance**. Press **ENTER**.
4. The list of devices displays. Use the arrow keys to select **SensorNet SpeedDome Ultra**, then press **ENTER**.
5. Use the arrow keys to move the highlight to the **Device Number** field.
6. Referring to the worksheet, type the address of the dome you are trying to download in the **Device Number** field.
7. Use the down arrow key to move the cursor to the **Device Function** field, then select **Force Download Flash**. Press **ENTER**.
8. Press **Alt+P, R**, then **ENTER** to start the download.
 - You will be prompted to continue with the download. Select **Continue** then **ENTER**.

- The download takes approximately 5 minutes. Repeat steps 5 through 8 for each dome that needs to be downloaded. Remember, you cannot download both Ultra I and Ultra II domes during the same session.

9. When finished downloading, press **Alt+X**, then **ENTER**.

10. Verify that the domes have the correct versions.

- Follow the instructions found in the section titled **Identifying Dome Types** on page 1.
- After the update, SpeedDome Ultra I domes will have a version of 0210; SpeedDome Ultra II domes will have a version of 0306.
- The EE version for both Ultra I and II domes will be 070199800105.

11. After downloading all Ultra II domes, remove the download files so that a user does not inadvertently attempt to download domes.

- Move the cursor to **Utilities**, then select **Exec Utility**.
- Use the arrow keys to highlight **renhex.bat**, then press **ENTER**.
- At the Arguments prompt, press **ENTER**.
- When the message window appears, press **ESC** twice to return to the Administrator menu.

Note: Sometimes domes will stall during the initialization process. If this happens, enter the dome number then press **Cam** on the Touch Tracker. Reset the dome by pressing **0, Menu, 3** on the Touch Tracker.

Quick Update Method for SpeedDome Ultra II

Use this method if you have already downloaded SpeedDome Ultra I domes.

1. Insert the diskette labeled “SpeedDome Ultra II Update Diskette” in the VM96 system diskette drive.

2. Use the arrow keys to move the cursor to **Utilities**, then select **Exec Utility**. Press **ENTER**.

3. Use the arrow keys to highlight the file named **gethex.bat**, then press **ENTER**.

- This command copies files from the diskette to the hard drive and removes bin files.

4. The Arguments prompt appears. Press **ENTER**.

- Messages may appear on the screen.
- You may be prompted to overwrite files; if so, press **Y** then **ENTER**.
- When the Message window appears, press **ESC** twice to return to the Administrator menu.

You are now ready to begin downloading SpeedDome Ultra II domes. Refer to the section titled **Downloading Ultra II Domes** on page 4.

Future Dome Downloads

Use this method if you need to update domes in the future.

1. **Start the Administrator menus.**
2. **Identify the domes that require updating. Refer to Identifying Dome Types on page 1.**
3. **Insert the update diskette in the VM96 system diskette drive.**
 - Insert the SpeedDome Ultra I diskette if you are downloading Ultra I domes.
 - Insert the SpeedDome Ultra II diskette if you are downloading Ultra II domes.
4. **Use the arrow keys to move the cursor to Utilities, then select Exec Utility. Press ENTER.**
5. **Use the arrow keys to highlight the file named gethex.bat, then press ENTER.**
 - This command copies files from the diskette to the hard drive and removes bin files.

6. **The Arguments prompt appears. Press ENTER.**

- Messages may appear on the screen.
- You may be prompted to overwrite files; if so, press **Y** then **ENTER**.
- When the Message window appears, press **ESC** twice to return to the Administrator menu.

7. **Remove the diskette from the VM96 system diskette drive.**

You are now ready to begin downloading SpeedDome Ultra I or Ultra II domes.

If you are updating SpeedDome Ultra I domes, refer to the section titled **Downloading Ultra I Domes** on page 2.

If you are updating SpeedDome Ultra II domes, refer to the section titled **Downloading Ultra II Domes** on page 4.

Note – Protection Violation

If you forget to change the mode of the .bat files, you will see the following message in the Message window:

Protection Violation

Refer to step 7 on page 2 in the section titled **Upgrading SpeedDome Ultra I Domes**. This step provides instructions for how to change the batch file mode.

