

SpeedDome Ultra II Camera Dome

Configuration Utility Operator's Manual



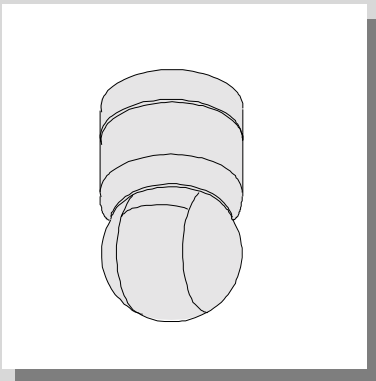
8000-1724-01

SpeedDome Ultra II Camera Dome

Configuration Utility Operator's Manual



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SpeedDome® Ultra II Camera Dome

Configuration Utility
Operator's Manual

Version 1.0

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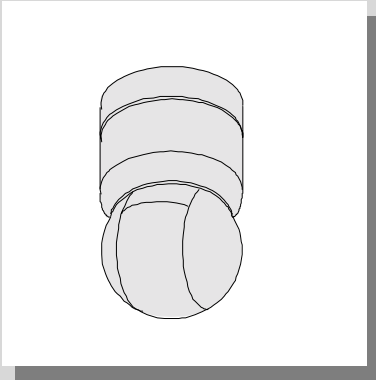


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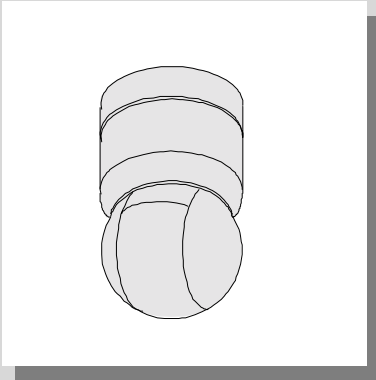


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Before You Begin

In This Preface:

- What's In This Manual?
- Documentation Conventions
- Related Information
- Getting Help

What's In This Manual?

This manual is organized as follows:

- Chapter 1, *Getting Started*, describes how to use the SpeedDome Ultra II Camera Dome configuration utility.
- Chapter 2, *Pan, Tilt and Zoom Options*, describes how to set the “flip” feature and zoom stop settings of the SpeedDome Ultra II Camera Dome.
- Chapter 3, *Camera and Lens Functions*, describes how to set the line lock to prevent vertical rolling and how to set the automatic gain control and adjust the white balance.
- Chapter 4, *Alarms, Areas and Home Settings*, describes how to assign presets or patterns and set the normal state for alarm inputs. You can specify whether or not a pattern or preset should run after defined periods of inactivity. In addition, you can also set the boundaries for up to 16 areas and program presets.
- Chapter 5, *On-Screen Text Display Settings*, describes how to enable or disable the display of status and name information associated with the SpeedDome Ultra II Camera Dome. It also provides instructions for setting or changing the names of areas, presets, patterns, alarms, and the dome. You can also set the appearance of text displayed by the SpeedDome Ultra II Camera Dome and set a password to prevent unauthorized use of the configuration utility.
- Chapter 6, *Language Selection*, describes how to set the language used to display menus, status information and prompts for the SpeedDome Ultra II. The languages supported are English, Spanish, French, German, Italian, and Portuguese.
- Appendix A, *Records*, provides a convenient place for listing the configuration information associated with your SpeedDome Ultra II Camera Dome.
- Appendix B, *Software License Agreement*, lists the terms and conditions for using this product.

Text Conventions

This book uses text in different ways to identify different kinds of information.

<i>italics</i>	used for terms specific to your system, and text that requires emphasis
monospace	used for menu selections or settings
bold	used for names of buttons, for example, Focus Near

Note Special notes are separated by ruled lines, like this.

Related Documents

Other sources provide supplemental information about your SpeedDome Ultra II Camera Dome. These sources serve to enhance your understanding of the product and its use.

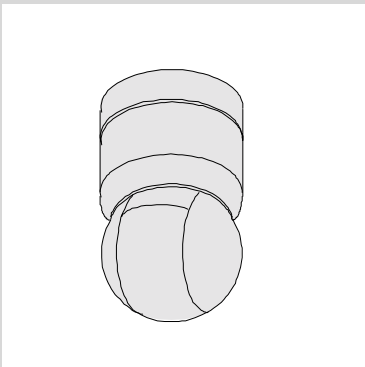
- The *SpeedDome Ultra II Configuration Utility Quick Reference* (8000-1734-01) provides a brief overview of how to use the configuration utility.
- The *SpeedDome Ultra Camera Dome Installation and Service Manual* (8000-1362-01) provides specific information about the wiring and physical set up of the SpeedDome Ultra II Camera Dome.



Getting Help

If you have a question about operation of this product, and you cannot find the answer in this document, consult with your supervisor. If your supervisor cannot answer your question, contact technical support. The technical support phone numbers are found on the rear cover of this document.

CHAPTER 1



Getting Started

In This Chapter

- What Is the SpeedDome Ultra II Configuration Utility?
- Starting the Configuration Utility
- Moving Around the Screen and Making Selections
- Exiting the Utility
- Password Protection
- Restoring Factory Settings
- Where To Go Next

What Is the SpeedDome Ultra II Configuration Utility?

The SpeedDome Ultra II Camera Dome configuration utility provides a means to setting features for your camera dome via a text overlay menu. You access this menu using a keystroke combination. Refer to your keyboard or Touch Tracker operating instructions for the locations of the buttons referenced in this document.

The utility provides settings for camera functions, alarms, text display, password protection, and language. Some items supplement similar features that may be available through your controller.

Starting the Configuration Utility

To start the configuration utility, do the following:

1. Select the SpeedDome Ultra II camera dome that you need to configure. Refer to the controller operating instructions for specific information.
2. Press and hold **Iris Open**, press and hold **Focus Near** or **Focus Far**, then press **Zoom Out**. The following text appears on the monitor.

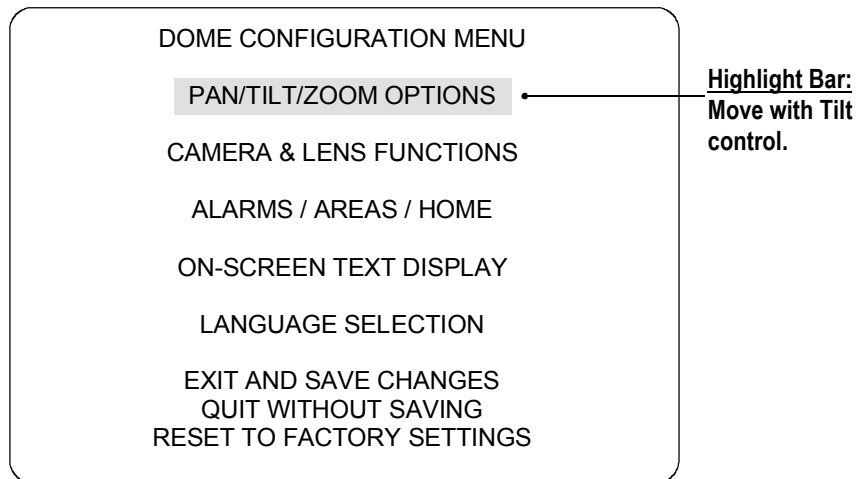


Figure Chapter 1 -1: SpeedDome Ultra II Configuration Menu

Note If you have password protection enabled for the configuration utility, the Enter Password screen appears first. You must correctly enter the password before the Dome Configuration Menu will appear. For information about entering the password, refer to *Password Protection* on page 1-5.

Moving Around the Screen and Selecting Choices

All screens in the configuration utility use the same controls to move the highlight bar around the screen and to make selections. For combination keystrokes, press and hold each button in sequence, then release. **Refer to your controller operating instructions for the locations of the buttons.**

Note: Where no specific **Focus** button is specified, either **Focus Near** or **Focus Far** may be used.

Control	Function
Iris Open, Focus, then Zoom Out	Starts the configuration utility
Iris Close, then Focus	Saves changes and exits the utility from any screen
Tilt Up	Moves highlight bar to the previous item on the screen
Tilt Down	Moves highlight bar to the next item on the screen
Pan Right	Moves highlight bar to the next position right
Pan Left	Moves highlight bar to the next position left
Focus Far	Selects the highlighted item on the screen

Control	Function
Zoom In (Zoom Tele)	Increases the value of the selected field or displays the next choice for the field. During naming, moves the cursor to the right of the current character in the name.
Zoom Out (Zoom Wide)	Decreases the value of the selected field, or displays the previous choice for the field. During naming, moves the cursor to the left of the current character in the name.

Exiting the Utility

When you finish working with the configuration utility, you can save your changes and exit the utility by pressing and holding **Iris Close**, then pressing **Focus Near** or **Focus Far**.

From the Dome Configuration Menu, you have two choices for exiting the utility: **Exit** and **Save Changes** or **Quit Without Saving**. Use the **Tilt** control to move the highlight bar up and down on the screen.

- If you want to keep the changes you made, move the highlight bar to **Exit** and **Save Changes**, then press **Focus Far**. The utility closes.
- If you want to exit without making changes, highlight **Quit Without Saving**, then press **Focus Far**. The following prompt appears on the screen:

Data Not Saved. Quit Anyway? No

Press **Zoom In** or **Zoom Out** to toggle the setting. If you want to cancel the changes, select **Yes**, then press **Focus Far**. If you want to keep the changes, select **No**, then press **Focus Far**. If you choose **No**, the Dome Configuration Menu is displayed.

Note If areas have been programmed, you *cannot* restore the old area boundaries by quitting without saving changes from the Dome Configuration Menu. Areas are the only settings that will not be restored by selecting Quit Without Saving.

Password Protection

To prevent unauthorized users from starting the configuration utility, you can enable password protection.

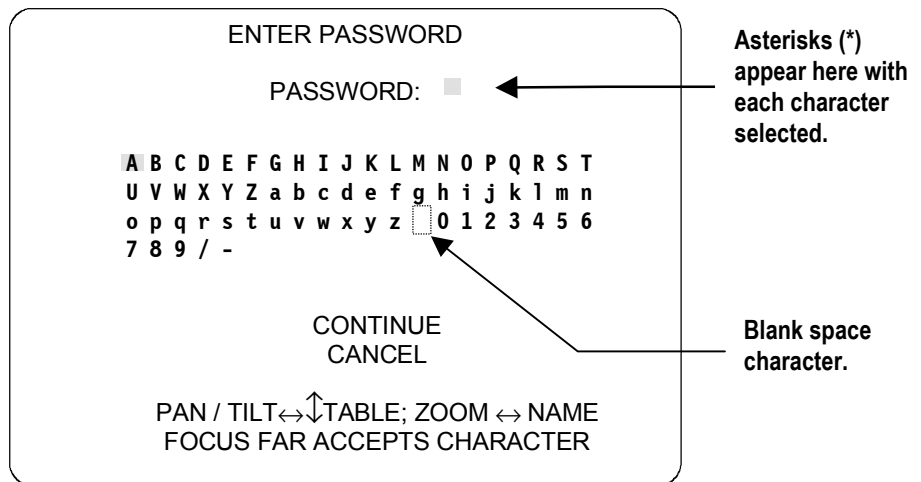


Figure Chapter 1 -2: Enter Password Screen

This will require users to enter the password before the Dome Configuration Menu will display. The password may be from 1 to 8 characters long.

- Use the **Pan** or **Tilt** control move the cursor around the character field.
- Press **Focus Far** to enter the highlighted character.

- Press **Zoom In** to move the cursor in the Password field to the right; press **Zoom Out** to move the cursor in the Password field to the left.

As each character in the password is selected, asterisks (*) appear in the Password field. When you have finished entering the password, use the **Tilt** control to move the highlight bar to Continue, then press **Focus Far**. If the password has been entered correctly, the Dome Configuration Menu appears. If the password was not entered correctly, the Enter Password screen remains on the monitor.

If you do not want to start the configuration utility, use the **Tilt** control to move the highlight bar to Cancel, then press **Focus Far**.



I M P O R T A N T

If you forget the password, contact technical support for instructions about overriding the existing password.

Restoring Factory Settings

Note Selecting Reset to Factory Settings from the Dome Configuration Menu *does not* change the following settings: Camera Name, Alarm Names, Area Names, Preset Names, Pattern Names, Area Boundaries, and Presets.

Some screens provide a choice to Reset to Factory Settings. This choice applies only to those settings currently available on the screen displayed. To reset all configuration settings, choose Reset to Factory Settings from the Dome Configuration Menu. You will see the following prompt:

Reset to Factory Settings

No

Press **Zoom In** or **Zoom Out** to toggle the setting. If you want to restore the factory settings, select Yes, then press **Focus Far**. If you do not want to restore the factory settings, select No, then press **Focus Far**.

Where To Go Next

Now that you understand how to start and work with the configuration utility, you are ready to begin changing the settings for your SpeedDome Ultra II Camera Dome. Use the following chart to determine which chapters you should use next.

Chapter	Topics Covered
<i>Chapter 2: Pan, Tilt, and Zoom Options</i>	<ul style="list-style-type: none">• Set the “flip” feature (rotates dome 180°)• Set zoom stop (12X or 18X) and maximum zoom (up to 96X)
<i>Chapter 3: Camera and Lens Functions</i>	<ul style="list-style-type: none">• Set line lock (prevents vertical rolling when camera is switched)• Enable automatic or manual gain settings• Enable automatic or manual white balance settings (red-blue and magenta-green values)
<i>Chapter 4: Alarms, Areas, and Home Settings</i>	<ul style="list-style-type: none">• Set alarm actions (preset, pattern, or no action)• Configure normal input states for alarms (open or closed)• Send input states to host controller• Set “home” position for dome• Program area boundaries• Program presets

Chapter

Topics Covered

*Chapter 5: On-Screen Text
Display Settings*

- Display or hide dome status information
- Display or hide camera, preset, pattern, area or alarm name information
- Assign names to camera, presets, patterns, areas, and alarms
- Reset all programmed names to default names
- Set text attributes (outline and dim video)
- Set password; enable or disable password feature

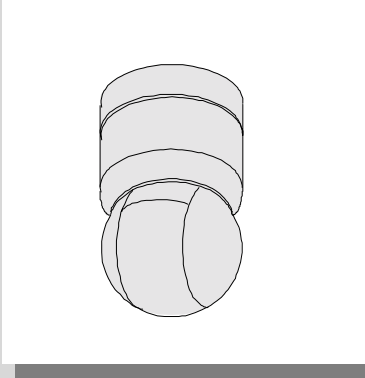
*Chapter 6: Language
Selection*

- Choose to display SpeedDome Ultra II menus and prompts in English, Spanish, French, German, Italian, or Portuguese

Keeping Records

Appendix A, *Records*, summarizes the default values for each configuration setting. In addition, it provides space for writing information about the settings you change. Be sure to keep records for each SpeedDome Ultra II Camera Dome installed at your facility.

CHAPTER 2



Pan, Tilt, and Zoom Options

In This Chapter

- Overview of Pan, Tilt, and Zoom Settings
- Setting the “Flip” Feature
- Setting Zoom Stop Factors
- What To Do Next

Overview of Pan, Tilt, and Zoom Settings

When Pan/Tilt/Zoom Options is selected from the Dome Configuration Menu, the following screen appears:

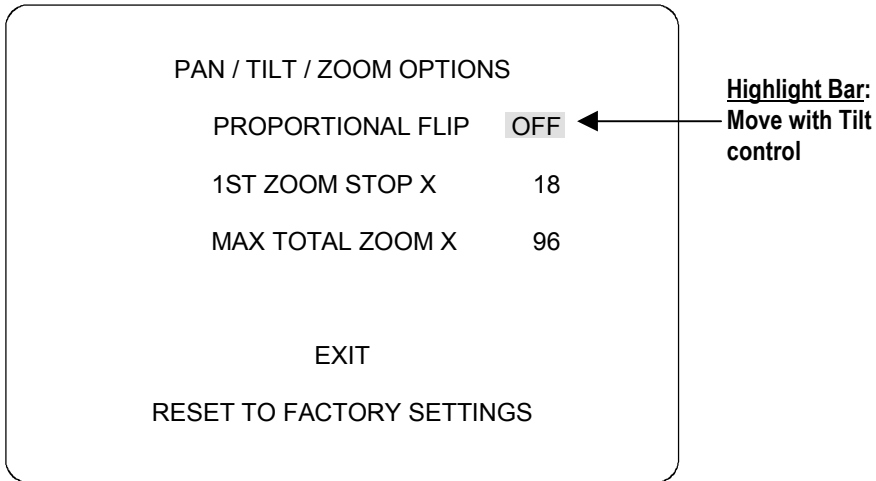


Figure Chapter 2 -1: Pan / Tilt / Zoom Screen

From this screen you can, enable or disable the flip feature and set the first zoom stop and maximum zoom settings.

- To move the highlight bar, use the **Tilt** control.
- Pressing **Zoom Out** or **Zoom In** changes value of the selected setting.
- If you want to save your changes, move the highlight bar to Exit, then press **Focus Far** to return to the Dome Configuration Menu.
- If you want to change the settings for this screen to the factory defaults, move the highlight bar to Reset to Factory Settings, then press **Focus Far**.

Setting the “Flip” Feature

The “flip” feature allows the dome to automatically turn 180-degrees when the camera tilts to its lower limit and stays in that position for a brief delay. The duration of the delay is inversely proportional to the tilt speed.

When the dome flips (rotates), the camera starts moving upward as long as the tilt control is kept in the down position. Once the tilt control is released, the control returns to its normal operational mode. The flip feature is useful when you need to track someone who walks directly beneath the dome and continues on the other side.

When the flip feature is disabled, the dome stops when the tilt down stop is reached.

To change the flip setting:

1. Select Pan/Tilt/Zoom Options from the Dome Configuration Menu.

The highlight bar appears on the Proportional Flip setting.

2. Press **Zoom Out** or **Zoom In** to toggle the setting.

- If you want the flip feature enabled, select On.
- If you want the flip feature disabled, select Off.

The default setting is Off.

3. Do one of the following:
 - If you want to make changes to the zoom stop settings, continue with *Setting the Zoom Stop Factors* on page 2-4.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 2-6.

Setting the Zoom Stop Factors

Zoom stop factors define how to partition the zoom function. For example, the first zoom stop is set to 18X, and the maximum zoom is set to 48X. If the current zoom factor is 8X, pressing **Zoom In** continuously causes the zoom to stop at 18X. If the current zoom factor is 18X (or greater), pressing **Zoom In** continuously causes the zoom to stop at 48X. The second zoom stop will be in effect until the zoom factor is reduced to less than the first zoom factor (18X) and the zoom button is released for one second or longer.

The margin of error for the zoom stop factor is ± 2 for SpeedDome Ultra II.

Setting the First Zoom Stop

1. Select Pan/Tilt/Zoom Options from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to the 1st Zoom Stop X setting.
3. Press **Zoom Out** or **Zoom In** to change the setting.

- If you want the first zoom stop to be 12X magnification, select 12.
- If you want the first zoom stop to be 18X magnification, select 18.

The default setting is 18.

4. Do one of the following:
 - If you want to change the maximum zoom setting, continue with *Changing the Maximum Zoom Setting* on page 2-5.
 - If you want to make changes to the flip setting, refer to *Setting the “Flip” Feature* on page 2-3.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.

- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to Exit, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 2-6.

Changing the Maximum Zoom Setting

1. Select Pan/Tilt/Zoom Options from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to the Max Total Zoom X setting.

The values for the setting are: 24X, 36X, 48X, 60X, 72X, 84X, and 96X magnification.

The default setting is 48.

3. Press **Zoom Out** to decrease the value of the setting.
Press **Zoom In** to increase the value of the setting.
4. Do one of the following:
 - If you want to make changes to the flip setting, refer to *Setting the “Flip” Feature* on page 2-3.
 - If you want to make changes to the first zoom stop, refer to *Setting the First Zoom Stop* on page 2-4.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to Exit, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 2-6.

What To Do Next

When you select **Exit** from the **Pan/Tilt/Zoom Options** screen, the **Dome Configuration Menu** appears.

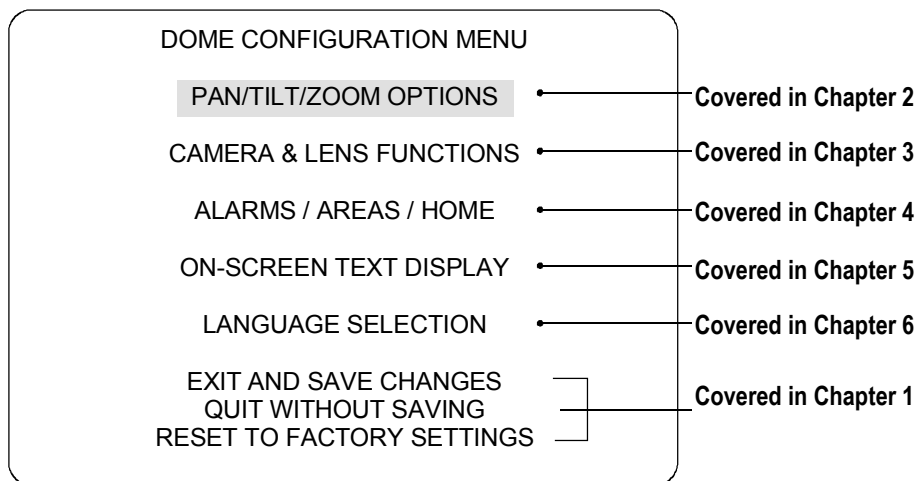


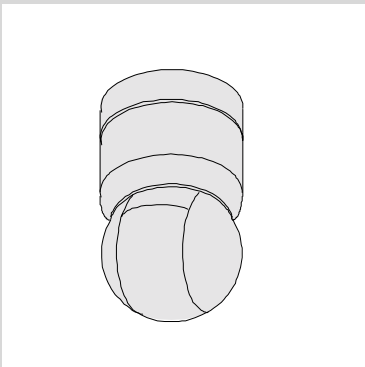
Figure Chapter 2 -2: Dome Configuration Menu

From this screen you can:

- Select an option to make additional changes. These topics are covered in chapters 2 through 6.
- Save the changes you made and exit the utility. This topic is covered in Chapter 1.
- Exit the utility without saving changes. This topic is covered in Chapter 1.
- Restore all settings to the factory defaults. This topic is covered in Chapter 1.

Use the **Tilt** control to move the highlight bar to selection you want to use, then press **Focus Far**. Refer to the related chapter for additional information.

CHAPTER 3



Camera and Lens Functions

In This Chapter

- Overview of Camera and Lens Settings
- Setting Line Lock
- Automatic Gain Control Settings
- Adjusting White Balance
- What To Do Next

Overview of Camera and Lens Function Settings

When Camera & Lens Functions is selected from the Dome Configuration Menu, the following screen appears:

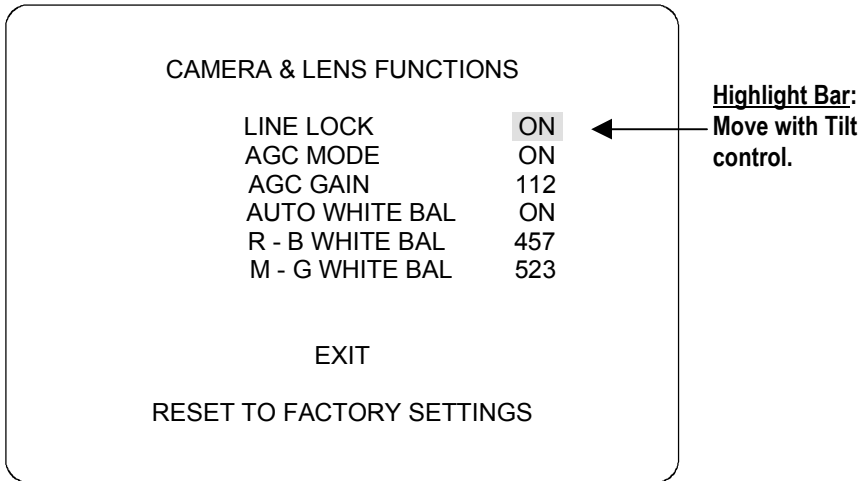


Figure Chapter 3 -1: Camera and Lens Functions Screen

From this screen you can set the line lock to prevent video rolling, set automatic gain control to either automatic or manual, and adjust the white balance settings.

- To move the highlight bar, use the **Tilt** control.
- Pressing **Zoom Out** or **Zoom In** changes value of the selected setting.
- When you finish making changes, move the highlight bar to Exit, then press **Focus Far** to return to the Dome Configuration Menu.
- If you want to change the settings for this screen to the factory defaults, move the highlight bar to Reset to Factory Settings, then press **Focus Far**.

Setting Line Lock

Use the Line Lock setting to prevent vertical rolling or adjust the appearance of overlay text on color monitors.

If you experience problems with vertical video rolling when switching multiple cameras to a single monitor, enabling the line lock will phase lock the video with the AC power line. If text displayed on color monitors appears slightly tinted, disabling the line lock may prevent this problem.

To change the line lock setting:

1. Select Camera & Lens Functions from the Dome Configuration Menu.

The highlight bar appears on the Line Lock setting.

2. Press **Zoom Out** or **Zoom In** to change the setting.
 - If you want to enable the line lock, select On.
 - If you want to disable the line lock, select Off.

The default setting is On.

3. Do one of the following:
 - If you want to make changes to the automatic gain control settings, refer to *Automatic Gain Control Settings* on page 3-4.
 - If you want to make changes to the white balance settings, refer to *Adjusting White Balance* on page 3-6.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 3-10.

Note The change in line lock setting is not immediate. The dome must reset for the change in the line lock setting to take place. When you exit the configuration utility, you will receive the following prompt.

**DOME MUST RESET TO
CHANGE LINE LOCK MODE.**

RESET DOME NOW?

NO

Press **Zoom In** or **Zoom Out** to toggle the selection. If you do not want to reset the dome, select **No**, then press **Focus Far**. If you do want to reset the dome, select **Yes**, then press **Focus Far**.

The default selection is No.

Automatic Gain Control Settings

Automatic Gain Control (AGC) is used to compensate for lighting conditions that would otherwise produce no video. When AGC is active, it amplifies both the video signal and electrical noise in the video signal. If AGC is set for manual control, you can adjust the gain (amplification) setting to reduce the noise.

When Automatic Gain Control is enabled, the value of the gain setting is based on feedback from the camera. When Automatic Gain Control is disabled, the camera uses the value set for the manual gain setting.

Setting the AGC Mode

1. Select Camera & Lens Functions from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to the AGC Mode setting.
3. Press **Zoom Out** or **Zoom In** to change the setting.
 - If you want the AGC to be automatic, select On.
 - If you want the AGC to be manual, select Off. Then continue with *Changing the AGC Manual Gain Setting* on page 3-5. **The default setting is On.**
4. Do one of the following:
 - If you want to make changes to the line lock setting, refer to *Setting Line Lock* on page 3-3.
 - If you want to make changes to the white balance settings, refer to *Adjusting White Balance* on page 3-6.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to Exit, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 3-10.

Changing the AGC Manual Gain Setting

Note AGC Mode must be set to Off to make changes to this setting.

1. Select Camera & Lens Functions from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to the AGC Gain setting.
3. Press **Zoom Out** to decrease value of the setting.
Press **Zoom In** to increase the value of the setting.

The values for the setting range from 0 to 448.

4. Do one of the following:
 - If you want to make changes to the line lock setting, refer to *Setting Line Lock* on page 3-3.
 - If you need to make adjustments in the white balance, refer to *Adjusting White Balance* on page 3-6.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to Exit, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 3-10.

Adjusting White Balance

White balance is normally compensated for by the automatic gain control. In some lighting conditions, you may need to manually adjust the red-blue and magenta-green settings for optimal viewing.

When Automatic White Balance is enabled, the values of the red-blue and magenta-green settings are based on feedback from the camera. When Automatic White Balance is disabled, the camera uses the values set for the red-blue and magenta-green settings to control the white balance. The following illustration depicts the relationship between the red-blue and magenta-green settings to white balance.

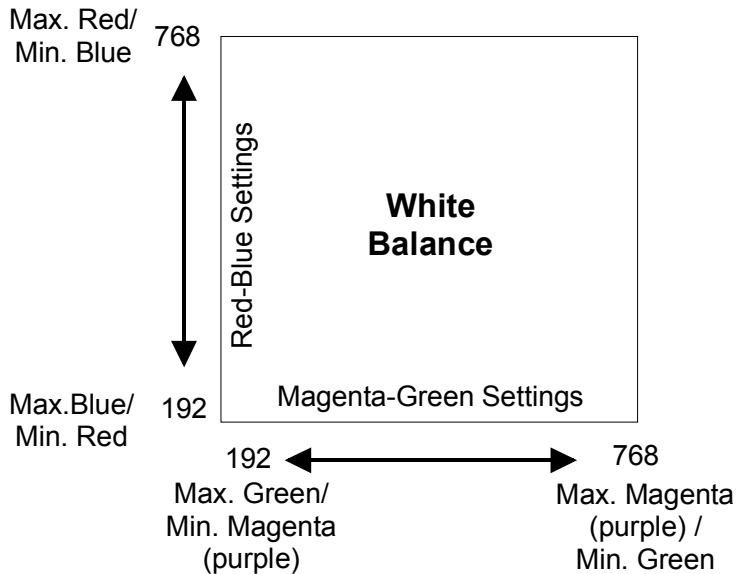


Figure Chapter 3 -2: White Balance Settings

As the value for the red-blue setting increases, the image appears more red; as the value decreases, the image appears more blue. The range of the red-blue setting is 192 (maximum blue) to 768 (maximum red).

As the value for the magenta-green setting increases, the image appears more purple; as the value decreases, the image appears more green. The range for the magenta-green setting is 192 (maximum green) to 768 (maximum magenta).

Setting the Automatic White Balance Feature

1. Select Camera & Lens Functions from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to the Auto White Balance setting.

3. Press **Zoom Out** or **Zoom In** to change the setting.
 - If you want the white balance to be automatic, select **On**.
 - If you want manually adjust the red/blue or magenta/green settings, select **Off**. Then continue with *Changing the Red-Blue and Magenta-Green Settings* on page 3-8.

The default setting is On.

4. Do one of the following:
 - If you want to make changes to the line lock setting, refer to *Setting Line Lock* on page 3-3.
 - If you want to make changes to the automatic gain control settings, refer to *Automatic Gain Control Settings* on page 3-4.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 3-10.

Changing the Red-Blue and Magenta-Green Settings

Note Auto White Bal must be set to Off to make changes to this setting.

1. Select Camera & Lens Functions from the Dome Configuration Menu.
2. If you want to make changes to the red-blue settings, use the **Tilt** control to move the highlight bar to R-B White Bal, then continue with step 3.

If you want to make changes to the magenta-green settings, continue with step 4.

3. Press **Zoom In** or **Zoom Out** to adjust the setting. The values range from 192 to 768.

Press **Zoom In** to increase the value of the setting. This makes the image appear more *red*.

Press **Zoom Out** to decrease value of the setting. This makes the image appear more *blue*.

4. Do one of the following:
 - If you want to make changes to the magenta-green settings, use the **Tilt** control to move the highlight bar to **M-G White Bal**, then continue with step 5.
 - If you are finished making changes, continue with step 6.
5. Press **Zoom In** or **Zoom Out** to adjust the setting. The values range from 192 to 768.
 - Press **Zoom In** to increase the value of the setting. This makes the image appear more *magenta (purple)*.
 - Press **Zoom Out** to decrease value of the setting. This makes the image appear more *green*.
6. Do one of the following:
 - If you want to make changes to the line lock setting, refer to *Setting Line Lock* on page 3-3.
 - If you need to make adjustments in the automatic gain control, refer to *Automatic Gain Control Settings* on page 3-4.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 3-10.

What To Do Next

When you select Exit from the Camera & Lens Functions screen, the Dome Configuration Menu appears.

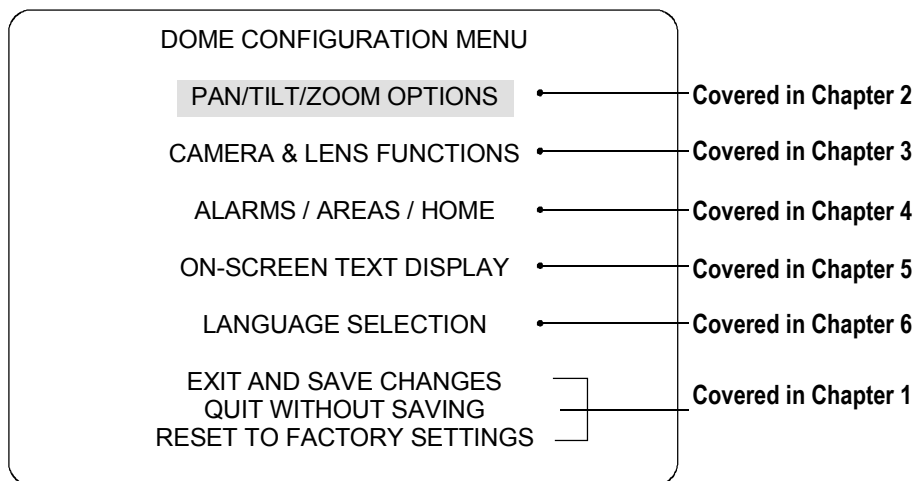


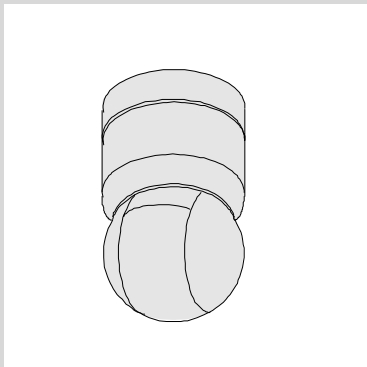
Figure Chapter 3 -3: Dome Configuration Menu

From this screen you can:

- Select an option to make additional changes. These topics are covered in chapters 2 through 6.
- Save the changes you made and exit the utility. This topic is covered in Chapter 1.
- Exit the utility without saving changes. This topic is covered in Chapter 1.
- Restore all settings to the factory defaults. This topic is covered in Chapter 1.

Use the **Tilt** control to move the highlight bar to selection you want to use, then press **Focus Far**. Refer to the related chapter for additional information.

CHAPTER 4



Alarms, Areas, and Home Settings

In This Chapter

- Overview of Alarms, Areas, and Home Position Settings
- Configuring Alarm Actions
- Configuring Normal Input States
- Assigning the Dome's Home Position
- Programming Area Boundaries
- Programming Presets
- What To Do Next

Overview of Alarms, Areas, and Home Position Settings

When Alarms/Areas/Home is selected from the Dome Configuration Menu, the following screen is displayed:

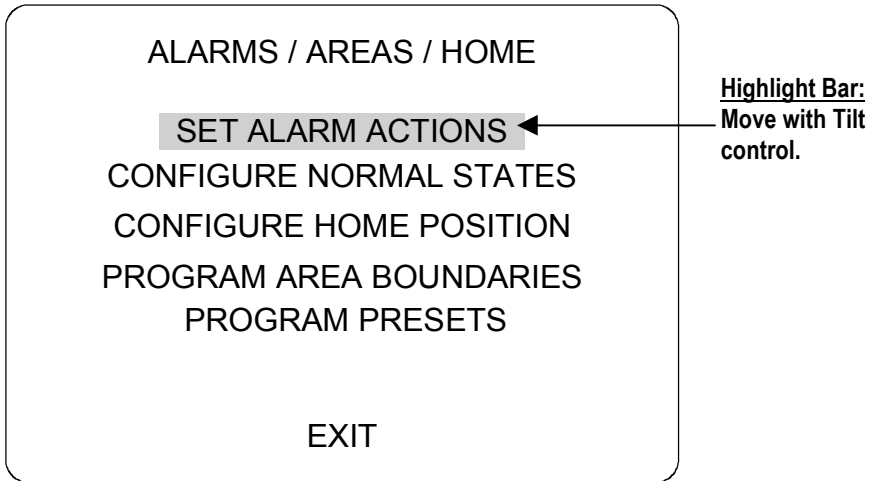


Figure Chapter 4 -1: Alarm / Areas / Home Screen

From this menu you can choose to configure alarm actions, configure normal states for alarm inputs, set area boundaries, program presets, and assign the “home position” for the dome.

- To move the highlight bar, use the **Tilt** control. Press **Focus Far** to make a selection.
- Pressing **Zoom Out** or **Zoom In** changes the value of the settings on the subsequent screens.
- When you finish making changes, move the highlight bar to **Exit**. Press **Focus Far** to return to the Dome Configuration Menu.

Configuring Alarm Actions

When Set Alarm Actions is selected from Alarms/Areas/Home screen, the following screen is displayed:

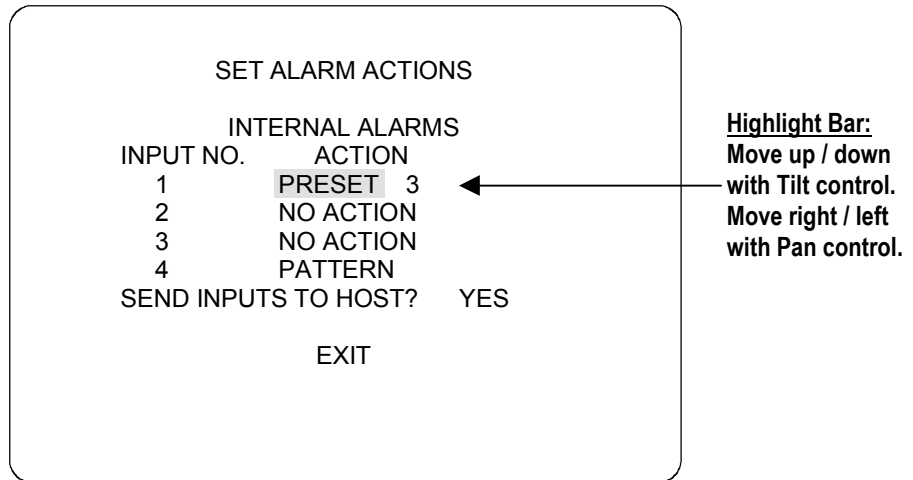


Figure Chapter 4 -2: Set Alarm Actions Screen

Alarms can be processed internally by the dome, externally by the controller, or both. Internal alarms are configured by setting a preset or pattern.

A *preset* is a programmed video scene, based on a specific pan, tilt, zoom, and focus settings. A *pattern* is a series of pan, tilt, zoom and focus movements from a single programmable dome.

For each of the four alarm inputs, you can choose to display a preset or pattern whenever the alarm's input state changes from normal to abnormal. Or you may choose to have no internal alarm associated with the input. You may also choose to send changes in the input state to the host controller. If the changes in input state are sent to the host, the host actions have higher priority than the associated dome actions.

Note An active alarm only resets when the input state changes to “normal.” A manual reset is *not* available.

Assigning Alarm Actions



IMPORTANT

Certain controllers allow the alarm actions for domes to be specified at the controller. These controllers include VM16 Plus, VM 32, VM96, ADTT16, AD2083, and AD168. **Do not use both the dome configuration utility and the controller to assign the alarm actions.** Use *only* the dome configuration utility *or* the controller to assign the alarm actions.

To configure alarm actions, do the following:

1. Select Alarms/Areas/Home from the Dome Configuration Menu.

The highlight bar appears on the Set Alarm Actions option. Press **Focus Far** to select.

2. Use the **Tilt** control to move the highlight bar to the appropriate alarm input.
3. Press **Zoom In** or **Zoom Out** to change the setting.
 - If you want the action to be a preset, choose Preset then continue with step 4.
 - If you want the action to be a pattern, choose Pattern then continue with step 4.
 - If you do not want a special action for this input, choose No Action then continue with step 5.

The default setting is No Action.

4. Use **Pan Right** to move the highlight bar to the Action Number field, then press **Zoom In** or **Zoom Out** to change the setting.
 - If the alarm action is a preset, select the number between 1-4 for the preset you want to assign.
If the preset has not been programmed, preset programming automatically starts. Refer to *Programming Presets* on page 4-14.
If the preset has been programmed, continue with step 5.
 - If the alarm action is a pattern, then select the number between 1-3 for the pattern you want to assign. Then continue with step 5.
5. If you need to make additional changes to the alarm actions for this dome repeat steps 3 through 5. When finished, continue with step 6.
6. Use the **Tilt** control to move the highlight bar to Send Inputs to Host.
7. Press **Zoom In** or **Zoom Out** to change the setting.
 - If you want changes in the input states to be forwarded to the host controller, choose Yes. Continue with step 8.
 - If you do not want changes in the input states to be forwarded to the host controller, choose No. Continue with step 8.

The default setting is Yes.

8. Use the **Tilt** control to move the highlight bar to Exit. Press **Focus Far** to return to the Alarm/Areas/Home screen, then continue with step 9.
9. When the Alarm/Areas/Home screen appears, do one of the following:
 - If you want to configure the input states, continue with *Configuring Normal Input States* on page 4-6.
 - If you want to set the “home” position, continue with *Assigning the Dome’s Home Position* on page 4-8.

- If you want to define areas, continue with *Programming Area Boundaries* on page 4-11.
- If you want to define presets, continue with *Programming Presets* on page 4-14.
- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 4-17.

Configuring Normal Input States



IMPORTANT

Certain controllers allow the normal input states for domes to be specified at the controller. These controllers include VM96, AD2083, and AD168. **Do not use both the dome configuration utility and the controller to assign the normal input states.** Use *only* the dome configuration utility *or* the controller to assign the normal input states.

When **Configure Normal States** is selected from the **Alarm/Areas/Home** screen, the following is displayed:

CONFIGURE NORMAL STATES	
INPUT NO.	NORMAL STATE
1	OPEN
2	OPEN
3	OPEN
4	CLOSED
EXIT	

Highlight Bar:
Move with Tilt control.

Figure Chapter 4 -3: Configure Normal States Form

Use this screen to assign open or closed as the normal state for the dome inputs. When an input state changes from normal to abnormal and an internal alarm action is associated with the input, the alarm is triggered. The normal state is used by both internal alarms and controller defined alarms.

Setting Normal Input States

To set the normal input states, do the following:

1. Select Alarms/Areas/Home from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to Configure Normal States, then press **Focus Far**.
3. Use the **Tilt** control to move the highlight bar to the appropriate input line.
4. Press **Zoom In** or **Zoom Out** to toggle the setting.
 - If the normal input state for the input is open, select Open.
 - If the normal input state for the input is closed, select Closed.

The default setting is Open.

5. Repeat steps 3 and 4 for each input you need to change. When finished, continue with step 6.
6. Use the **Tilt** control to move the highlight bar to **Exit**. Press **Focus Far** to return to the Alarms/Areas/Home screen.
7. When the Alarms/Areas/Home screen appears, do one of the following:
 - If you want to configure the alarm actions, continue with *Configuring Alarm Actions* on page 4-3.
 - If you want to set the “home” position, continue with *Assigning the Dome’s Home Position* on page 4-8.
 - If you want to define areas, continue with *Programming Area Boundaries* on page 4-11.
 - If you want to define presets, continue with *Programming Presets* on page 4-14.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 4-17.

Assigning the Dome’s Home Position

When **Configure Home Position** is selected from the Alarms/Areas/Home screen, the following is displayed:

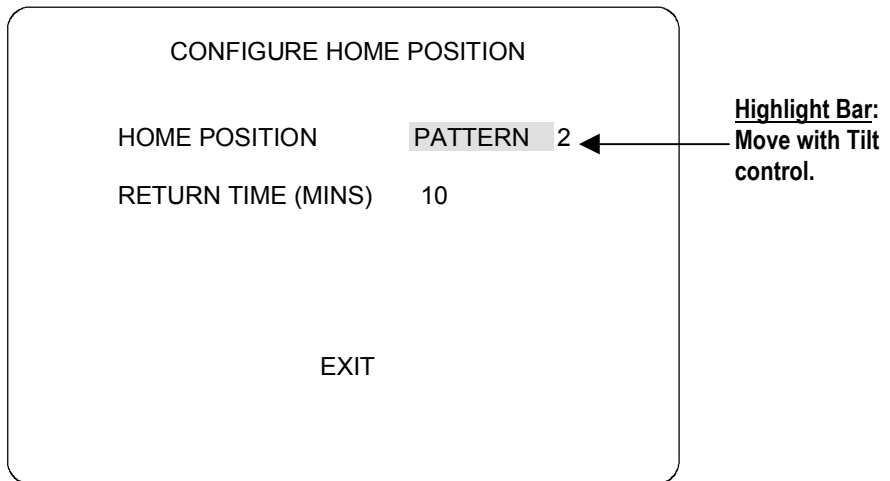


Figure Chapter 4 -4: Configure Home Position Screen

Use this screen if you want the dome return to a preset or run a pattern after a specified period of inactivity.

Setting the Home Position

1. Select Alarms/Areas/Home from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to Configure Home Position, then press **Focus Far**.

The highlight bar appears on the Home Position setting.

3. Press **Zoom In** or **Zoom Out** to change the setting.
 - If you want the home position to be a preset, select Preset, then continue with step 4.
 - If you want the home position to be a pattern, select Pattern, then continue with step 4.
 - If you do not want to set a home position, select No Action, then continue with step 6.

The default setting is No Action.

4. Use **Pan Right** to move the highlight bar to the Number field, then press **Zoom In** or **Zoom Out** to change the setting.
 - If the home position is a preset, select the number between 1-4 for the preset you want to assign.

If the preset has *not* been programmed, preset programming automatically starts. Refer to *Programming Presets* on page 4-14.

If the preset has been programmed, continue with step 5.
 - If the home position is a pattern, the select the number between 1-3 for the pattern you want to assign. Continue with step 5.
5. Use the **Tilt** control to move the highlight bar to Return Time (Mins). Press **Zoom Out** or **Zoom In** to set the amount of time that the dome must remain inactive before returning to the home position.

The range for the setting is 1 to 60 minutes.

The default setting is 10 minutes.

6. Use the **Tilt** control to move the highlight bar to Exit. Press **Focus Far** to return to the Alarms/Areas/Home screen. Continue with step 7.
7. When the Alarms/Areas/Home screen appears, do one of the following:
 - If you want to configure the alarm actions, continue with *Configuring Alarm Actions* on page 4-3.
 - If you want to configure the input states, continue with *Configuring Normal Input States* on page 4-6.
 - If you want to define areas, continue with *Programming Area Boundaries* on page 4-11.
 - If you want to define presets, continue with *Programming Presets* on page 4-14.

- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 4-17.

Programming Area Boundaries

Areas are programmed start and end points of a camera's viewing area. Each area is a part of a circular viewing area that extends around the dome. The areas can be different sizes, as shown in the following illustration:

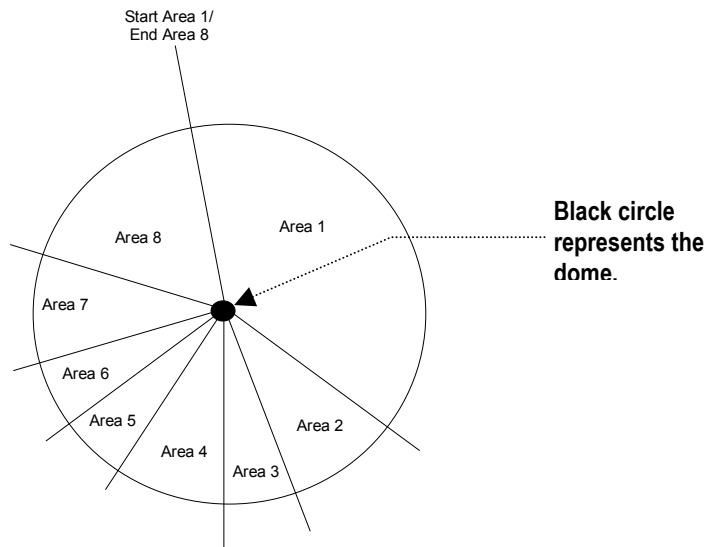


Figure Chapter 4 -5: An example of areas

The end point of one area is the starting point for the next area. The end point of the last area cannot go past the starting point of the first area. If your controller supports areas, these are separate from the areas you can program with SpeedDome Ultra II.

When Program Area Boundaries is selected from the Alarms/Areas/Home screen, the following appears:

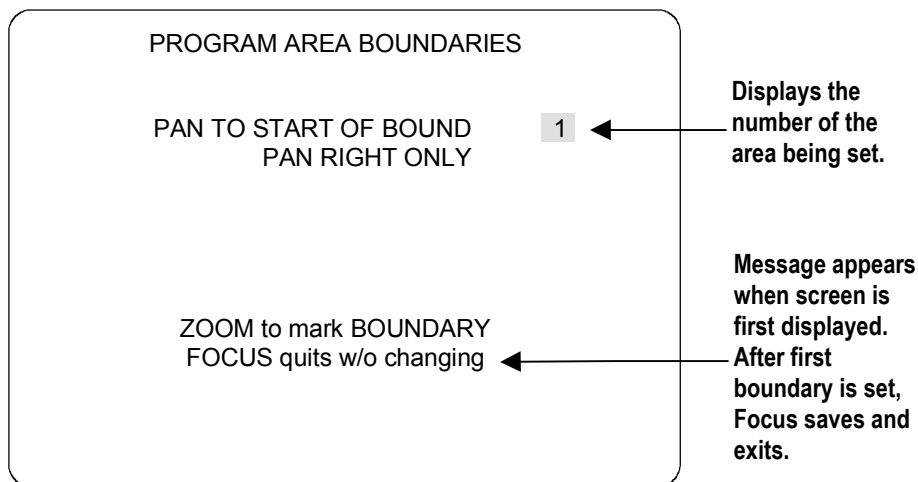


Figure Chapter 4 -6: Program Area Boundaries Screen

The SpeedDome Ultra II supports from 2 to 16 areas.



I M P O R T A N T

If areas are programmed, you cannot restore the old boundaries by selecting *Quit Without Saving* from the *Dome Configuration Menu*. Be aware of this limitation if you begin to make changes to the boundaries and change your mind.

Setting Area Boundaries

Note When areas are programmed, each area is assigned a default name. Instructions for assigning new names appear in Chapter 5.

1. Select Alarms/Areas/Home from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to Programming Area Boundaries, then press **Focus Far**.

The Program Area Boundaries screen appears:

3. Use the **Pan** control to position the camera at the starting point of the first area, then press **Zoom In** or **Zoom Out**.
4. Use the **Pan Right** control to move the camera to the right until the ending point of the area is seen. *If you attempt to pan left, the error message in the note below appears.*
5. Press **Zoom In** or **Zoom Out** to set the end point of the area. The area number automatically advances.
6. Repeat steps 4 and 5 for each area you want to establish.

Note: You will see the following error message under certain conditions:

**Error programming areas
Focus Far to continue.**

- If you attempt to program a boundary that passes the starting point of the first area
- If you move the camera left after establishing the first boundary

Return to step 1 and start again.

7. When the last area boundary is set, press **Focus Far**. The following confirmation message appears:

**Areas saved successfully
Focus Far to continue.**

Press **Focus Far** to continue.

8. When the Alarms/Areas/Home screen appears, do one of the following:
 - If you want to configure the alarm actions, continue with *Configuring Alarm Actions* on page 4-3.
 - If you want to configure the input states, continue with *Configuring Normal Input States* on page 4-6.
 - If you want to set the “home” position, continue with *Assigning the Dome’s Home Position* on page 4-8.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* found on page 4-17.

Programming Presets

A *preset* is a programmed video scene with automatic pan, tilt, zoom, focus and iris settings. For the SpeedDome Ultra II, presets may be assigned to alarm actions or as the “home” position for the dome. The SpeedDome Ultra II supports 4 presets whose positions are saved in the dome's firmware.

View Manager[®] 96, AD2083, and AD168 video matrix switchers support “virtual” views. This means that the pan, tilt, zoom, focus, and iris settings are stored within the controller, not the dome. You cannot use the views that you define on those systems as the home position or an alarm action. You must use the presets programmed using this utility.

Setting Presets

Note When presets are programmed, each preset is assigned a default name. Instructions for assigning new names appear in Chapter 5.

1. Select Alarms/Areas/Home from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to Programming Presets, then press **Focus Far**.

The Select Preset to Program screen appears:

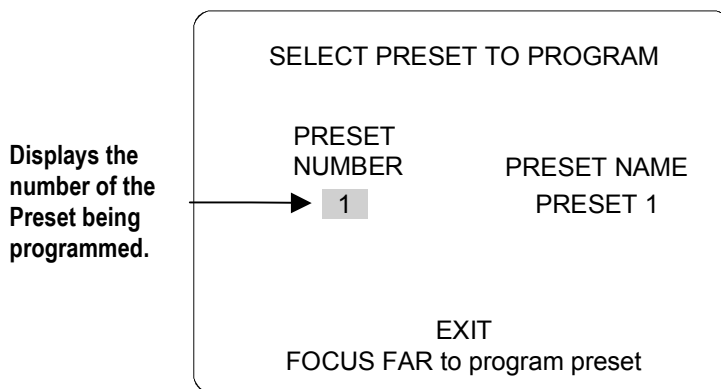


Figure Chapter 4 -7: Select Preset to Program screen

3. Press **Zoom In** or **Zoom Out** to change the number until the preset that you want to program appears, then press **Focus Far**. The Program Preset screen appears.

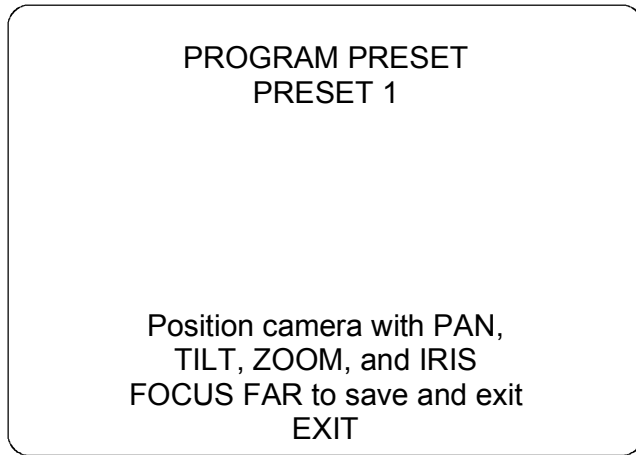


Figure Chapter 4 -8: Program Preset screen

4. Use the **Pan** and **Tilt** controls to move the camera until you see the scene you want to use as the preset. Adjust the **zoom** and **iris** settings as necessary. Press **Focus Far** to save the preset.
5. Repeat steps 3 and 4 for each preset you want to program. When finished, use the Tilt control to move the highlight bar to **Exit**, then press **Focus Far**.
6. When the **Alarms/Areas/Home** screen appears, do one of the following:
 - If you want to configure the alarm actions, continue with *Configuring Alarm Actions* on page 4-3.
 - If you want to configure the input states, continue with *Configuring Normal Input States* on page 4-6.
 - If you want to set the “home” position, continue with *Assigning the Dome’s Home Position* on page 4-8.
 - If you want to set areas, continue with *Programming Area Boundaries* on page 4-11.

- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* found on page 4-17.

What To Do Next

When you select **Exit** from the **Alarms/Areas/Home** screen, the Dome Configuration Menu appears.

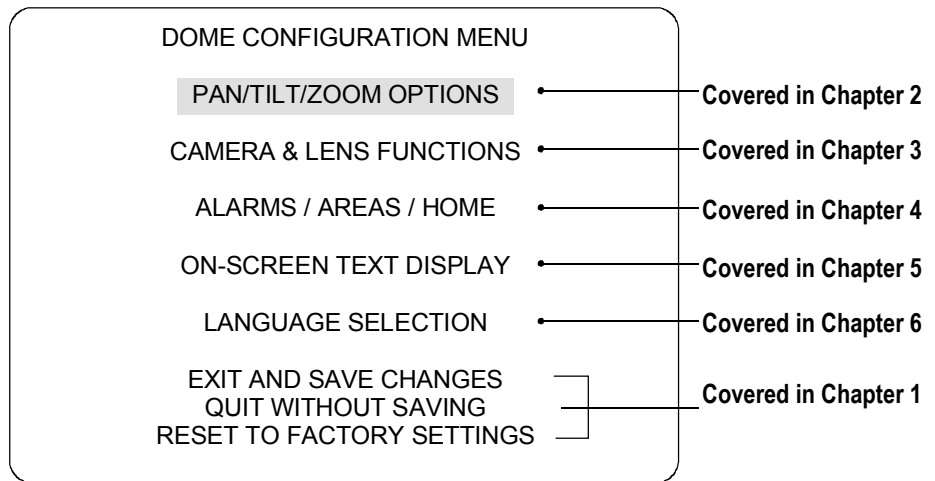



Figure Chapter 4 -9: Dome Configuration Menu

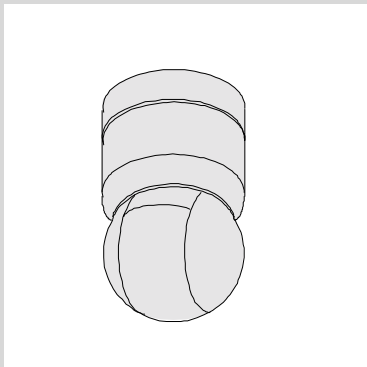


From this screen you can:

- Select an option to make additional changes. These topics are covered in chapters 2 through 6.
- Save the changes you made and exit the utility. This topic is covered in Chapter 1.
- Exit the utility without saving changes. This topic is covered in Chapter 1.
- Restore all settings to the factory defaults. This topic is covered in Chapter 1.

Use the **Tilt** control to move the highlight bar to the selection you want to use, then press **Focus Far**. Refer to the related chapter for additional information.

CHAPTER 5



On-Screen Text Display Settings

In This Chapter

- Overview of On-Screen Text Display Settings
- Displaying or Hiding Status Information
- Displaying or Hiding Name Information
- Assigning or Changing Name Information
- Changing Text Display Attributes
- Working with Passwords
- What To Do Next

Overview of On-Screen Text Display Settings

When On-Screen Text Display is selected from the Dome Configuration Menu, the following screen is displayed:

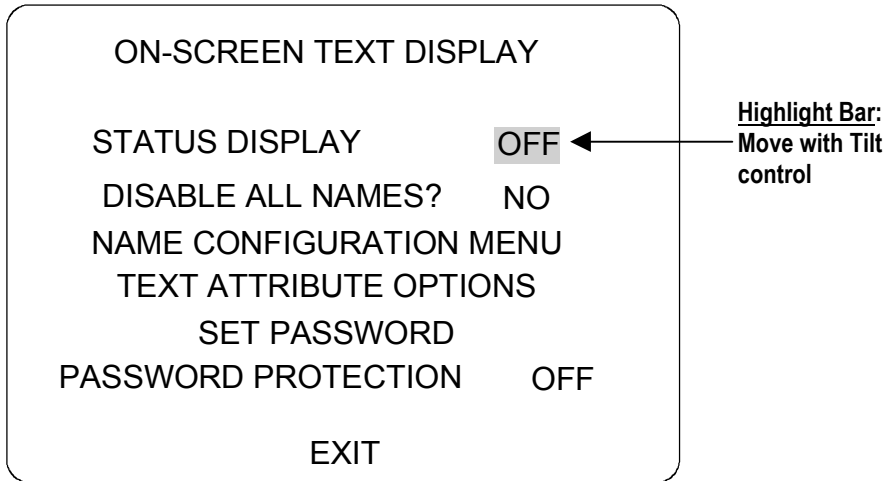


Figure Chapter 5 -1: On-Screen Text Display

From this screen you can choose to display status information about the dome, and choose to enable or disable the display of all name information. You can start the Name Configuration Menu and the Text Attribute Options screens. You can also set and enable the use of the dome password.

- To move the highlight bar, use the **Tilt** control.
- Pressing **Zoom Out** or **Zoom In** changes value of the selected setting.
- When you finish making changes, move the highlight bar to **Exit**, then press **Focus Far** to return to the Dome Configuration Menu.

Displaying or Hiding Status Information

You can choose to display the status of the zoom setting, auto focus, and auto iris. This information will appear in the upper left corner of the monitor. The information only appears when there is a change in the status of any item and remains on the screen for 5 seconds. If “D” appears next to the zoom factor, the digital zoom is active (zooms greater than 12X).

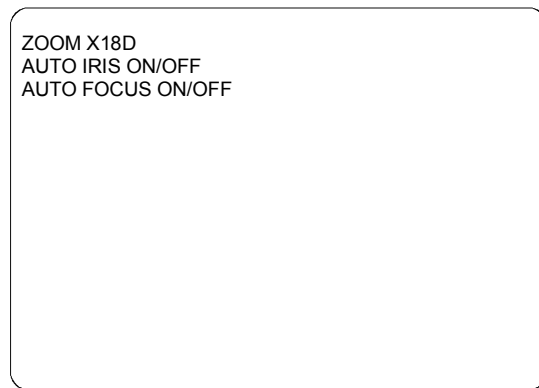


Figure Chapter 5 -2: Example of Zoom, Auto Focus and Auto Iris Status Information

Note Displaying *status* information is separate from displaying *name* information. If `Disable All Names?` is set to *Yes*, the status information will still appear if `Status Display` is set to *On*.

To change the setting:

1. Select `On-Screen Text Display` from the `Dome Configuration Menu`.
The highlight bar appears on `Status Display`.
2. Press **Zoom Out** or **Zoom In** to change the setting.

- If you want the dome status information to appear on the monitor, choose *On*.
- If you do not want dome status information to appear on the monitor, select *Off*.
The default setting is *Off*.

3. Do one of the following:

- If you want to change the types of name information displayed, refer to *Displaying or Hiding Name Information* on page 5-4.
- If you want to assign names to the dome, areas, presets, patterns, or alarms, refer to *Assigning or Changing Name Information* on page 5-9.
- If you want to change the text information appearance, refer to *Changing Text Display Attributes* on page 5-13.
- If you want to use password protection, refer to *Working with Passwords* on page 5-15.
- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to *Exit*, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 5-19.

Displaying or Hiding Name Information

The SpeedDome Ultra II provides the ability to display the dome name, the area where the dome is pointing, the name of the preset or pattern that is running, and alarm names. When the display of camera or area names is enabled, the information appears on the screen continuously. Preset, pattern, and alarm names appear only while they are active.

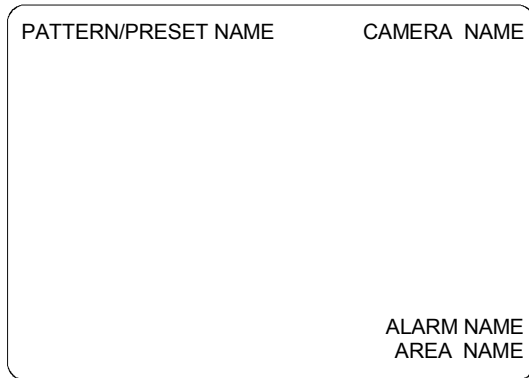


Figure Chapter 5 -3: Display Locations for Name Information

You may choose to disable displaying all name information, or you may choose to display selected or all name information.

Changing the Display of All Name Information

1. Select On-Screen Text Display from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to Disable All Names?
3. Press **Zoom Out** or **Zoom In** to change the setting.
 - If you want to disable the appearance of all name information, select Yes.
 - If you do not want to disable the appearance of all name information, select No. Then continue with *Changing the Display of Selected Name Information* on page 5-6.
The default setting is No.
4. Do one of the following:
 - If you want to change the status information display, refer to *Displaying or Hiding Status Information* on page 5-3.
 - If you want to assign names to the dome, areas, presets, patterns, or alarms, refer to *Assigning or Changing Name Information* on page 5-9.

- If you want to change the text information appearance, refer to *Changing Text Display Attributes* on page 5-13.
- If you want to use password protection, refer to *Working with Passwords* on page 5-15.
- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 5-19.

Changing the Display of Selected Name Information

When Name Configuration Menu is selected from the On-Screen Text Display screen, the following appears:

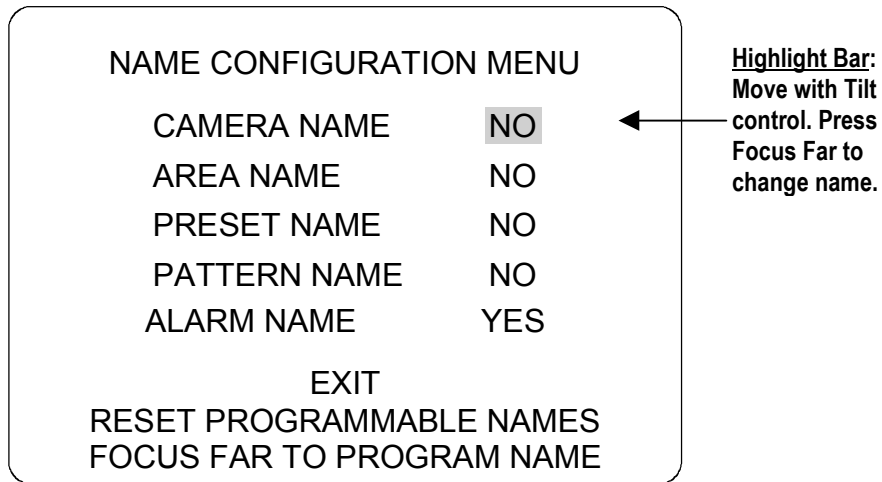


Figure Chapter 5 -4: Name Configuration Menu Screen

You can choose to enable or disable the display of camera, area, preset, pattern, and alarm names from this screen. You can reset all programmable names to their default settings. You can also initiate name programming from this screen (see *Assigning or Changing Name Information* on page 5-9).

To change the display of a name:

1. Select **On-Screen Text Display** from the **Dome Configuration Menu**.
2. Use the **Tilt** control to move the highlight bar to **Name Configuration Menu**. Then press **Focus Far**.

The **Name Configuration Menu** appears.

3. Use the **Tilt** control to move the highlight bar to the item whose display setting you want to change.
4. Press **Zoom In** or **Zoom Out** to change the setting.
 - If you want the name to appear on the monitor, choose **On**.
 - If you do not want the name to appear on the monitor, choose **Off**.
The default settings are Off for Camera, Areas, Presets, and Patterns, and On for Alarms.
5. Repeat steps 3 and 4 for each item you want to change.
6. Do one of the following:
 - If you want to reset all programmable names to their default values, use the **Tilt** control to move the highlight bar to **Reset Programmable Names**, then press **Focus Far**. Continue with step 7.
 - If you do not want to reset the programmable names, continue with step 8.

7. The following prompt appears on the screen:

RESET PROGRAMMABLE NAMES NO

Press **Zoom In** or **Zoom Out** to toggle the setting.

- To reset all names to the default value, select Yes, then press **Focus Far**. The Name Configuration Menu displays. “Programmable Names Have Been Reset” appears at the bottom of the screen.
- To cancel resetting of names, select No, then press **Focus Far**. The Name Configuration Menu displays. **The default selection is No.**

8. Do one of the following:

- If you want to change programmable name information, continue with *Assigning or Changing Name Information* on page 5-9.
- When you finish making changes, use the **Tilt** control to move the highlight bar to **Exit**. Then press **Focus Far** to return to the On-Screen Text Display form. Continue with step 9.

9. Do one of the following:

- If you want to change the display of status information, refer to *Displaying or Hiding Status Information* on page 5-3.
- If you want to change the appearance of the text information, refer to *Changing Text Display Attributes* on page 5-13.
- If you want to use password protection, refer to *Working with Passwords* on page 5-15.
- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 5-19.

Assigning or Changing Name Information

With the Name Configuration Menu displayed, you can highlight a menu item and select **Focus Far** to begin name programming.

Names for each selection can be up to 19 characters long. The following characters are available:

- A-Z (upper case)
- a-z (lower case)
- 0-9
- Blank Space
- Minus Sign (-)
- Forward Slash (/)

Setting Names

1. Select **On-Screen Text Display** from the **Dome Configuration Menu**.
2. Use the **Tilt** control to move the highlight bar to **Name Configuration Menu**. Then press **Focus Far**.

The **Name Configuration Menu** appears.

3. Use the **Tilt** control to move the highlight bar to the name setting you want to change, then press **Focus Far**. The choices are:

Camera Name
Area Name
Preset Name
Pattern Name
Alarm Name

If you choose **Camera Name**, continue with step 6.

If you choose **Area Name**, **Preset Name**, **Pattern Name**, or **Alarm Name**, continue with step 4.

4. The **Select Name to Program** screen appears.

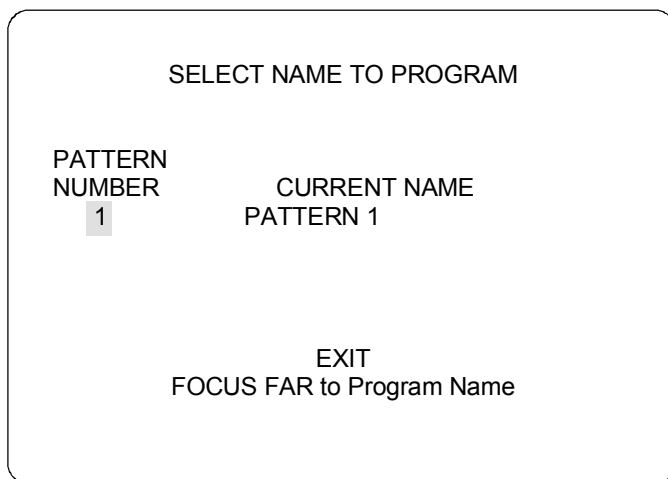


Figure Chapter 5 -5: Example Select Name to Program Screen (for Patterns)

5. Press **Zoom In** or **Zoom Out** to change the number until the item whose name you want to change appears. Then press **Focus Far**.

Note: If Presets, Patterns, or Areas have been programmed, the dome automatically moves to the starting position of the associated selection each time the number is advanced.

6. The Name Programming screen appears.

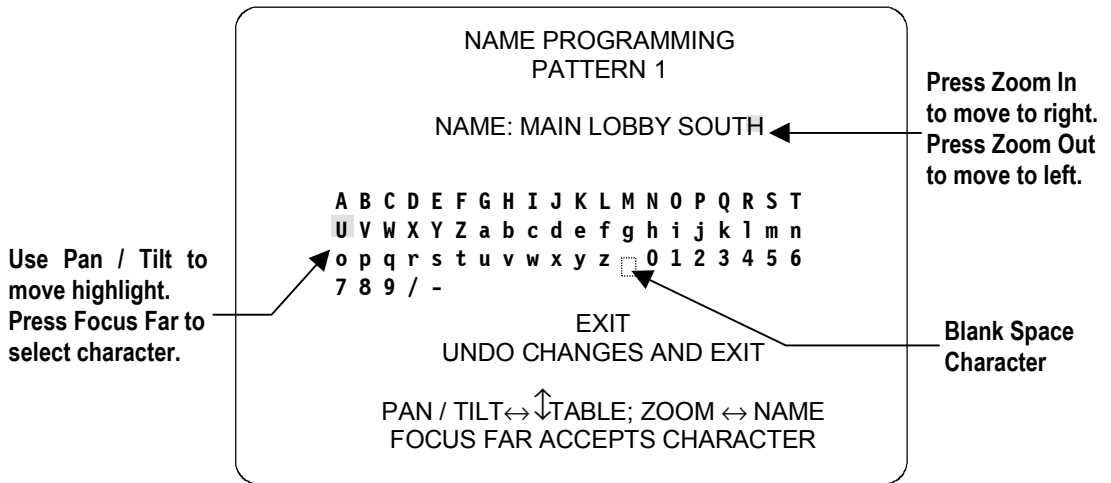


Figure Chapter 5 -6: Example Name Programming Screen (for Patterns)

7. Use the **Pan / Tilt** control to move the blinking highlight around the available characters. When the correct character is highlighted, press **Focus Far**.

If you make a mistake, press **Zoom In** to move the cursor one space right or **Zoom Out** to move the cursor one space left.

8. Repeat step 7 until the name is complete.

9. Do one of the following:

- If you want to keep the name changes, move the highlight bar to **Exit**, then press **Focus Far**.
- If you do not want to keep the changes, move the highlight bar to **Undo Changes and Quit**, then press **Focus Far**.

10. Do one of the following:

- If you were changing the camera name, continue with step 12.
- If you were changing the name of an area, preset, pattern or alarm, the **Select Name to Program** screen appears. Continue with step 11.

11. Do one of the following:

- If you want to make additional changes to the same type selected in step 2, repeat steps 4 through 10.
- If you want to return to the **Name Configuration Menu**, use the **Tilt** control to move the highlight bar to **Exit**. Then press **Focus Far**, and continue with step 12.

12. Do one of the following:

- If you want to make additional name changes, repeat steps 3 through 11.
- If you want to return to **On-Screen Text Display**, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. Continue with step 13.

13. Do one of the following:

- If you want to change the types of status information displayed, refer to *Displaying or Hiding Status Information* on page 5-3.
- If you want to change the name information displayed, refer to *Displaying or Hiding Name Information* on page 5-4.
- If you want to change the text information appearance, refer to *Changing Text Display Attributes* on page 5-13.
- If you want to use password protection, refer to *Working with Passwords* on page 5-15.
- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 5-19.

Changing Text Display Attributes

When you select Text Attribute Options from the On-Screen Text Display screen, the following screen appears.

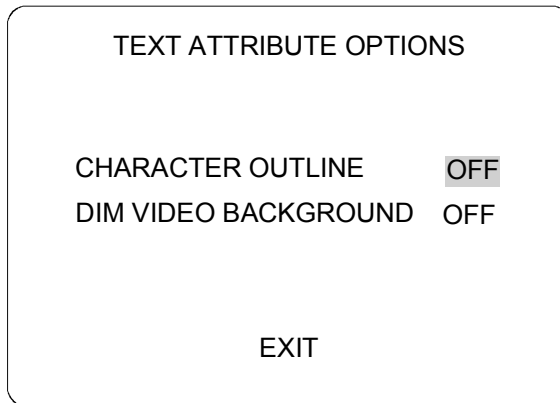


Figure Chapter 5 -7: Text Attributes Options Screen

From this screen, you can choose to display outlines around the utility screen text, name text, and status text. You can also choose to dim the video slightly whenever the SpeedDome Ultra II configuration utility is started.

To change the text appearance do the following:

1. Select **On-Screen Text Display** from the **Dome Configuration Menu**.
2. Use the **Tilt** control to move the highlight bar to **Text Attribute Options**, then press **Focus Far**.

The **Text Attribute Options** screen appears.

3. Press **Zoom In** or **Zoom Out** to change the setting.
 - If you want the text to appear with an outline around each character, select **On**.
 - If you want the text to appear without an outline around each character, select **Off**.

The default setting is On.
4. Do one of the following:
 - If you want to change the appearance of the video when the configuration utility is started, use the **Tilt** control to move the highlight bar to **Dim Video Background**. Continue with step 5.
 - If you are finished making changes, continue with step 6.
5. Press **Zoom In** or **Zoom Out** to change the setting.
 - If you want the video to be dimmed when the configuration utility is started, select **On**.
 - If you do not want the video to be dimmed when the configuration utility is started, select **Off**.
 - **The default setting is Off.**

6. Use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The On-Screen Text Display screen appears.
7. Do one of the following:
 - If you want to change the status information displayed, refer to *Displaying or Hiding Status Information* on page 5-3.
 - If you want to change the name information displayed, refer to *Displaying or Hiding Name Information* on page 5-4.
 - If you want to assign names to the dome, areas, presets, patterns, or alarms, refer to *Assigning or Changing Name Information* on page 5-9.
 - If you want to use password protection, refer to *Working with Passwords* on page 5-15.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 5-19.

Working with Passwords

To prevent unauthorized use of the configuration utility, you may choose to enable password protection. There are two parts to using passwords with your SpeedDome Ultra II: setting a password and enabling password use. The dome password can be from 1 to 8 characters long.

Setting or Changing the Dome Password

1. Select On-Screen Text Display from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to **Set Password**. Then press **Focus Far**.

The Set Password screen appears.

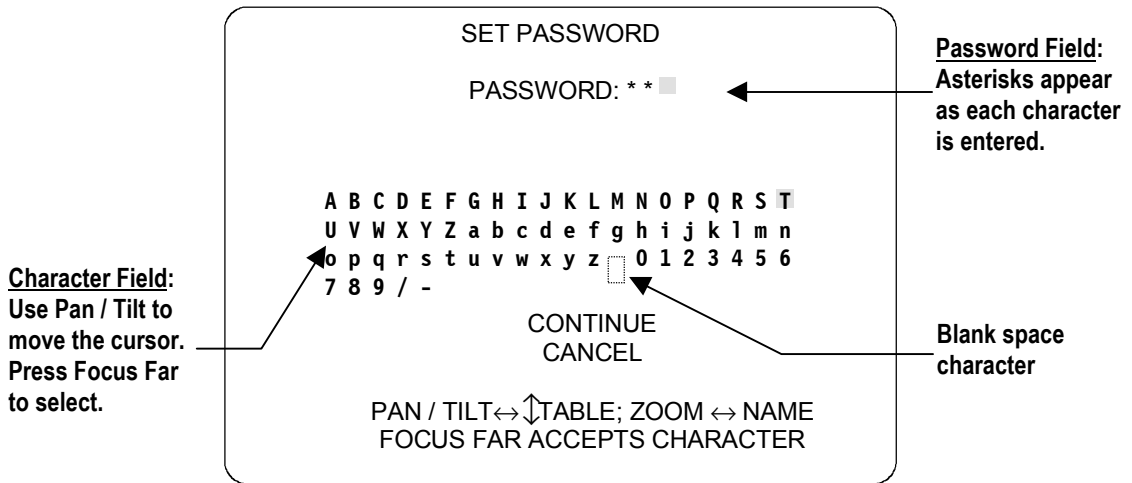


Figure Chapter 5 -8: Set Password Screen

3. Use the **Pan / Tilt** control to move the blinking highlight around the available characters. When the correct character is highlighted, press **Focus Far**.

If you make a mistake, press **Zoom In** to move the cursor one space right or **Zoom Out** to move the cursor one space left.

4. Repeat step 3 until the password is complete. When finished move the highlight to **Continue**, then press **Focus Far**.
5. You must successfully enter the password twice. Use the procedure in step 3 to enter the password again. When finished, move the highlight to **Continue**, then press **Focus Far**.

Note: If the passwords do not match, you must start over. Return to step 3 and repeat the procedure.

6. The On-Screen Text Display screen appears. Do one of the following:
 - To enable the password, continue with *Enabling or Disabling Password Protection* on page 5-17.
 - If you want to change the types of status information displayed, refer to *Displaying or Hiding Status Information* on page 5-3.
 - If you want to change the name information displayed, refer to *Displaying or Hiding Name Information* on page 5-4.
 - If you want to assign names to the dome, areas, presets, patterns, or alarms, refer to *Assigning or Changing Name Information* on page 5-9.
 - If you want to change the text information appearance, refer to *Changing Text Display Attributes* on page 5-13.
 - If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
 - If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 5-19.

Enabling or Disabling Password Protection

Password protection must be enabled before passwords can be used.

1. Select On-Screen Text Display from the Dome Configuration Menu.
2. Use the **Tilt** control to move the highlight bar to Password Protection.
3. Press **Zoom In** or **Zoom Out** to change the setting.
 - If you want to use a password to prevent unauthorized use of the dome configuration utility, select **On**.
 - If you do not want to use a password, select **Off**. The default setting is **Off**.

4. Do one of the following:

- If you want to change the types of status information displayed, refer to *Displaying or Hiding Status Information* on page 5-3.
- If you want to change the name information displayed, refer to *Displaying or Hiding Name Information* on page 5-4.
- If you want to assign names to the dome, areas, presets, patterns, or alarms, refer to *Assigning or Changing Name Information* on page 5-9.
- If you want to change the text information appearance, refer to *Changing Text Display Attributes* on page 5-13.
- If you want to set or change the password, refer to *Setting or Changing the Dome Password* on page 5-15.
- If you are finished making changes, press and hold **Iris Close**, then press **Focus Near** or **Focus Far** to save your changes and exit the utility.
- If you want to make changes to other settings, use the **Tilt** control to move the highlight bar to **Exit**, then press **Focus Far**. The Dome Configuration Menu appears. Continue with *What To Do Next* on page 5-19.

What To Do Next

When you select Exit from the On-Screen Text Display screen, the Dome Configuration Menu appears.

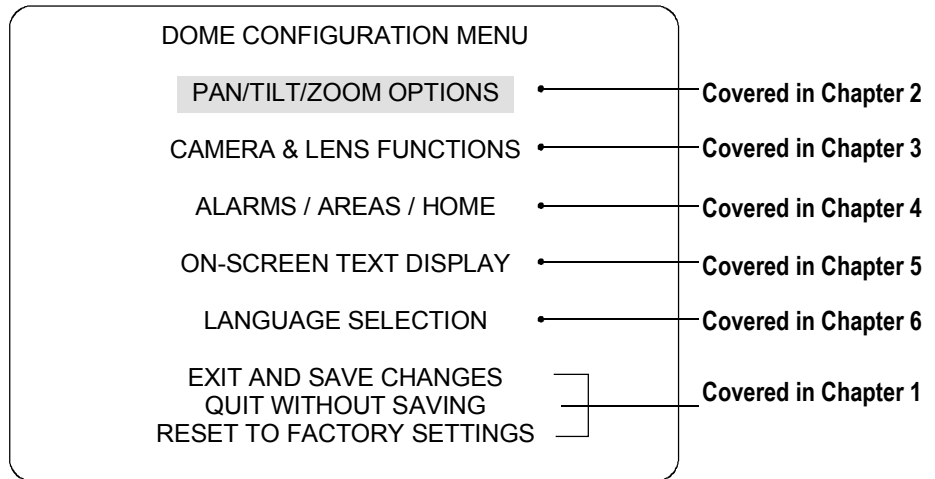


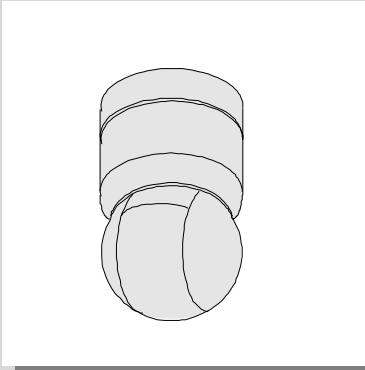
Figure Chapter 5 -9: Dome Configuration Menu

From this screen you can:

- Select an option to make additional changes. These topics are covered in chapters 2 through 6.
- Save the changes you made and exit the utility. This topic is covered in Chapter 1.
- Exit the utility without saving changes. This topic is covered in Chapter 1.
- Restore all settings to the factory defaults. This topic is covered in Chapter 1.

Use the **Tilt** control to move the highlight bar to selection you want to use, then press **Focus Far** to continue. Refer to the related chapter for additional information.

CHAPTER 6



Language Selection

In This Chapter

- Overview of Language Selection
- Selecting a Language
- What To Do Next

Overview of Language and Password Settings

When Language Selection is selected from the Dome Configuration Menu, the following screen appears:



Figure Chapter 6 -1: Language Selection Screen

From this screen, you can choose the language for the menus, status information, and prompts of the SpeedDome Ultra II.

- To move the highlight bar, use the **Tilt** control.
- Pressing **Zoom Out** or **Zoom In** changes value of the selected setting.
- When you finish making changes, move the highlight bar to **Exit**, then press **Focus Far** to return to the Dome Configuration Menu.

Selecting a Language

The SpeedDome Ultra II provides support for displaying menus, status information and prompts in English, Spanish, French, German, Italian, and Portuguese. When the dome is first installed, the language setting is English. To change the language setting for the menus, status information, and prompts, do the following:

1. Select Language Selection from the Dome Configuration Menu.

The Language Selection screen appears:

2. Use the **Tilt** control to move the highlight bar to the preferred language setting. The choices are: English, Spanish, French, German, Italian, and Portuguese.

The default setting is English.

3. Press **Focus Far** to select the highlighted language.
4. The following screen displays:

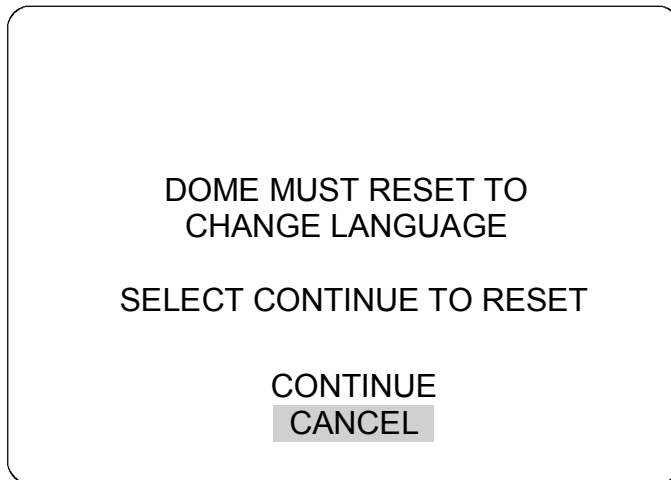


Figure Chapter 6 -2: Prompt for Language Reset

The highlight bar appears on Cancel.

Note: Changing the language does not alter any names that have been previously programmed. Only default names, such as **Preset 1**, change to the new language setting.

5. Do one of the following:
 - To continue with changing the language, use the **Tilt** control to move the highlight bar to **Continue**, then press **Focus Far**. The dome automatically resets. Continue with step 6.
 - To cancel the language change, press **Focus Far**. The **Language Selection** screen displays. You may choose a different language, or use the **Tilt** control to move the highlight bar to **Exit** to return to the **Dome Configuration Menu**. Continue with step 7.
6. To display the **Dome Configuration Menu** in the selected language, press and hold **Iris Open**, press and hold **Focus Near** or **Focus Far**, then press **Zoom Out**. Continue with step 7.
7. If you want to make changes to other settings, continue with *What To Do Next* on page 6-5.

What To Do Next

When you select Exit from the Language / Password screen, the Dome Configuration Menu appears.

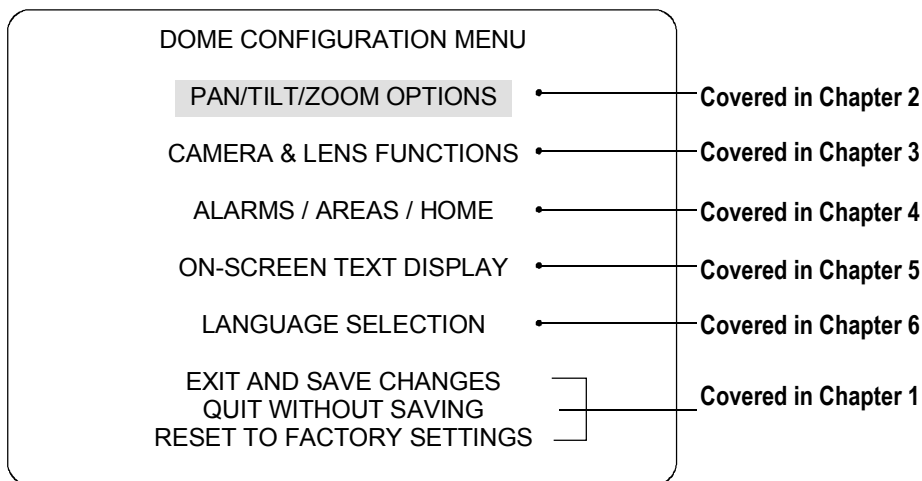


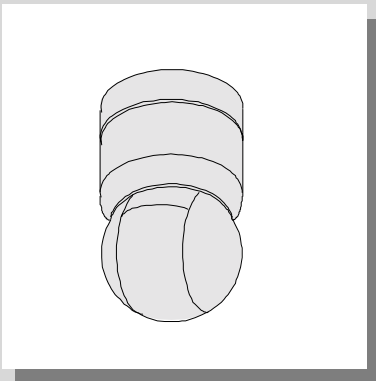
Figure Chapter 6 -3: Dome Configuration Menu

From this screen you can:

- Select an option to make additional changes. These topics are covered in chapters 2 through 6.
- Save the changes you made and exit the utility. This topic is covered in Chapter 1.
- Exit the utility without saving changes. This topic is covered in Chapter 1.
- Restore all settings to the factory defaults. This topic is covered in Chapter 1.

Use the **Tilt** control to move the highlight bar to selection you want to use, then press **Focus Far** to continue. Refer to the related chapter for additional information.

A P P E N D I X A



Records

Use the sheets in this appendix to record the configuration settings for your SpeedDome Ultra II Camera Dome. Make copies of these sheets for each dome. Whenever you change settings for a dome, be sure to update the information for the dome.

DOME NUMBER: _____ **LOCATION:** _____

Pan / Tilt / Zoom Settings

Menu Item	Default Setting (Choices)	Current Setting
Proportional Flip	Off (On / Off)	
1st Zoom Stop X	18 (12 / 18)	
Max Total Zoom X	48 (24/36/48/60/72/84/96)	

Camera and Lens Functions

Menu Item	Default Setting (Choices)	Current Setting
Line Lock	On (On / Off)	
AGC Mode	On (On / Off)	
AGC Gain*	On (On / Off)	
Auto White Bal	On (On / Off)	
R-B White Bal**	(192 - 768)	
M-G White Bal**	(192 - 768)	

* AGC Mode must be set to Off to use this setting

** Auto White Bal must be set to Off to use these settings

Alarm Actions

Menu Item	Default Setting (Choices)	Current Setting
Alarm No. 1	No Action (Preset 1-4 / Pattern 1-3 / No Action)	
Alarm No. 2	No Action (Preset 1-4 / Pattern 1-3 / No Action)	
Alarm No. 3	No Action (Preset 1-4 / Pattern 1-3 / No Action)	
Alarm No. 4	No Action (Preset 1-4 / Pattern 1-3 / No Action)	
Send Inputs to Host	Yes (Yes / No)	

Alarm Input Normal States

Menu Item	Default Setting (Choices)	Current Setting
Input No. 1	Open (Open / Closed)	
Input No. 2	Open (Open / Closed)	
Input No. 3	Open (Open / Closed)	
Input No. 4	Open (Open / Closed)	

Home Position

Menu Item	Default Setting (Choices)	Current Setting
Home Position	No Action (Preset 1-4 / Pattern 1-3 / No Action)	
Return Time (Mins)*	10 (1 - 60 Minutes)	

* Home Position must be set to Preset or Pattern for this setting to apply.

DOME NUMBER: _____ **LOCATION:** _____

Area Boundaries

Up to 16 areas can be programmed. Use this form to identify the start and end points of each area. This will assist you in restoring the boundaries if the areas should be erased.

Area Number	Start Point	End Point
Area 1		
Area 2		
Area 3		
Area 4		
Area 5		
Area 6		
Area 7		
Area 8		
Area 9		
Area 10		
Area 11		
Area 12		
Area 13		
Area 14		
Area 15		
Area 16		

Presets

Four presets can be programmed for each dome. Use this form to describe the locating being viewed for each preset. This will assist you in restoring the presets if they should be erased.

Preset Number	Description
Preset 1	
Preset 2	
Preset 3	
Preset 4	

On-Screen Text Display

Menu Item	Default Setting (Choices)	Current Setting
Status Display	Off (On / Off)	
Disable All Names	No (Yes / No)	
Password Protection	Off (On / Off)	

Note: The SpeedDome Ultra II password should be provided to authorized operators only.

Text Attribute Options

Menu Item	Default Setting (Choices)	Current Setting
Character Outline	On (On / Off)	
Dim Video Background	Off (On / Off)	

DOME NUMBER: _____ **LOCATION:** _____

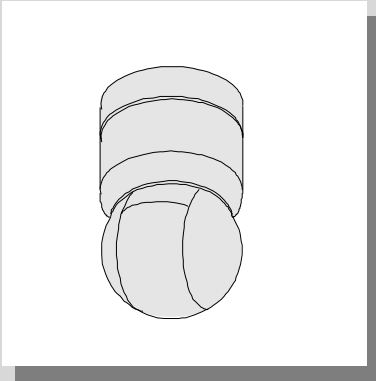
Name Configuration

Menu Item	Default Setting (Choices)	Current Setting
Camera Name	Off (On / Off)	
Area Name	Off (On / Off)	
Area No. 1	Area 1	
Area No. 2	Area 2	
Area No. 3	Area 3	
Area No. 4	Area 4	
Area No. 5	Area 5	
Area No. 6	Area 6	
Area No. 7	Area 7	
Area No. 8	Area 8	
Area No. 9	Area 9	
Area No. 10	Area 10	
Area No. 11	Area 11	
Area No. 12	Area 12	
Area No. 13	Area 13	
Area No. 14	Area 14	
Area No. 15	Area 15	
Area No. 16	Area 16	
Preset Name	Off (On / Off)	
Preset No. 1	Preset 1	
Preset No. 2	Preset 2	
Preset No. 3	Preset 3	
Preset No. 4	Preset 4	
Pattern Name	Off (On / Off)	
Pattern No. 1	Pattern 1	
Pattern No. 2	Pattern 2	
Pattern No. 3	Pattern 3	
Alarm Name	On (On / Off)	
Alarm No. 1	Alarm 1	
Alarm No. 2	Alarm 2	
Alarm No. 3	Alarm 3	
Alarm No. 4	Alarm 4	

Language Selection

Menu Item	Default Setting (Choices)	Current Setting
Language Selection	English (English / Spanish / French / German / Italian / Portuguese)	

A P P E N D I X B



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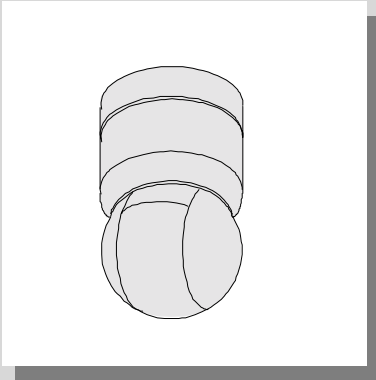
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