

SpeedDome® Ultra VI Configuration Utility

Quick Reference Guide

The **Dome Configuration Utility** is used to set features for your camera dome via a text overlay menu. This menu is accessed via a keystroke combination on your camera controller. The utility provides settings relating to camera functions, alarms, text display, privacy zones, direction indicators, and password protection. Some items supplement similar features that may be available through your controller or switching system.

To start the utility:

1. Select a dome that you need to configure. Refer to your controller operating instructions for specific information.
2. Do one of the following:
 - If the dome is installed in a **SensorNet** or **RS-422** network, press and hold **Iris Open**, press and hold a **Focus** button, and then press **Zoom Out (Zoom Wide)**.
 - If the dome is installed in a Manchester network, turn the key switch to **Prog** (or disable the system lock on the Touch Tracker), enter **66**, then press **Set Preset (Set Shot)**.
3. The **Dome Configuration Menu** appears on-screen.

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DOME CONFIGURATION MENU
PAN/TILT/ZOOM/SYNC OPTS
CAMERA FUNCTIONS
ALARMS/AREAS/PRESETS/PZ
ON-SCREEN TEXT DISPLAY
LANGUAGE / PASSWORD
DOME INFORMATION
RESET TO FACTORY SETTINGS
QUIT WITHOUT SAVING
EXIT AND SAVE CHANGES

Note: If **Password Protection** is enabled, **Enter Password** (Screen 25) appears first.

Choose an option on this screen to change settings. Table 1 describes the available commands.

IMPORTANT: Commands may differ depending on your operating environment. These commands apply to SensorNet, RS-422, and Manchester.

Table 1: SensorNet, RS-422, and Manchester Commands.

If you want to...	Use...
Move the Highlight Bar .	Pan/Tilt
Select the highlighted item.	Focus
Increase value of selected setting, or display next choice . Move cursor to right during naming.	Zoom In (Zoom Tele)
Decrease value of selected setting, or display previous choice . Move cursor to left during naming.	Zoom Out (Zoom Wide)
Save changes and exit from any screen.	Iris Close, then Focus

Pan, Tilt, Zoom and Synchronization Options

2

PAN/TILT/ZOOM/SYNC OPTS	
PROPORTIONAL FLIP	OFF/ON
1ST ZOOM STOP	X35/23
MAX TOTAL ZOOM	X46...184
LINE LOCK	ON/OFF
RESET TO FACTORY SETTINGS	
EXIT	

- The default **1st Zoom Stop** setting is **35X**.
- The default **Max Total Zoom** setting is **92X**.
- Maximum total zoom settings are: **46, 69, 92, 115, 138, 161, and 184X**.

Camera Functions

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CAMERA FUNCTIONS			
Auto White Bal	OFF/ON		
W Bal Adj: Red	0-511	Blue	0-511
IR Mode	OFF/ON/Auto High/Auto Mid/Auto Low		
WDR	OFF/ON		
AGC/Shutter	Max Gain	Limit	
Open Shutter (NTSC)	0-28 dB	1/2-1/60 s	
Open Shutter (PAL)	0-29 dB	2/3-1/50 s	
RESET TO FACTORY SETTINGS EXIT			

Some settings appear only when the associated setting is active. Use the following information to identify which settings apply.

Auto White Balance and Red/Blue Values

The **Auto White Bal** setting determines if the Red and Blue values can be changed.

Auto White Bal	Red	Blue
ON	N/A	N/A
OFF	Yes	Yes

IR Mode and AGC/Shutter Settings

The **IR Mode** setting determines which AGC and Open Shutter settings are available. See the Operator's Manual for a description of the IR Mode settings.

IR Mode	Open Shutter	AGC Off	AGC On
ON	Yes	Yes	Yes
OFF	Yes	Yes	Yes
Auto High	N/A	Yes	Yes
Auto Mid	Yes	N/A	N/A
Auto Low	Yes	N/A	N/A

AGC/Shutter Settings

The AGC/Shutter setting determines if the Max Gain and Limit settings apply.

AGC/Shutter	Max Gain	Limit
Open Shutter	Yes	Yes
AGC ON	Yes	N/A
AGC OFF	N/A	N/A

Alarms, Areas, Home, Presets and Privacy Zones

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ALARMS/AREAS/HOME/PRESETS/PZ
SET ALARM ACTIONS
SET ALARM STATES
SET HOME POSITION
SET NORTH POSITION
AREA BOUNDARIES
PRIVACY ZONES
PRESETS
EXIT

This screen provides links to lower level screens. See the following screens:

- **Set Alarm Actions** (Screen 8)
- **Set Alarm States** (Screen 9)
- **Set Home Position** (Screen 10)
- **Set North Position** (Screen 11)
- **Area Boundaries** (Screen 12)
- **Privacy Zones** (Screen 13)
- **Select Preset to Program** (Screen 17)

On-Screen Text Display

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ON-SCREEN TEXT DISPLAY	
STATUS DISPLAY	ON/OFF
DISABLE ALL NAMES?	YES/NO
DIAGNOSTIC DISPLAY	ON/OFF
DIRECTION INDICATOR	ON/OFF
NAME CONFIGURATION MENU	
TEXT ATTRIBUTE OPTIONS	
EXIT	

In addition to the settings available, this screen provides links to lower level screens. See also:

- **Name Configuration Menu** (Screen 19)
- **Text Attribute Options** (Screen 22)

Language and Password

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```
LANGUAGE / PASSWORD

LANGUAGE SELECTION
SET PASSWORD
PASSWORD PROTECTION OFF/ON

EXIT
```

In addition to enabling password protection, this screen provides links to lower level screens. See the following screens:

- **Language Selection** (Screen 23)
- **Set Password** (Screen 24)

Dome Information

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```
DOME INFORMATION

NAME: SpeedDome Ultra VI
Mnemonic: SDU 6
Software Ver: 0701-4008-0100
Device Type: 24770105
SN: 01234567890123456789
Manufacture Date: 06082001
Dome Statistics

EXIT
```

- Select **Dome Statistics** to display dome usage information (Screen 26).

Set Alarm Actions

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```
SET ALARM ACTIONS
INTERNAL ALARMS

INPUT NO.    ACTION
1            NO ACTION
2            PRESET 1-96
3            PATTERN 1-3
4            NO ACTION

SEND INPUTS TO HOST? YES / NO

EXIT
```

- **No Action** is the default setting for all inputs. **Preset 1-96** or **Pattern 1-3** may be assigned as the alarm action.

Set Alarm States

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```
SET ALARM STATES

INPUT NO.    NORMAL STATE
1            OPEN / CLOSED
2            OPEN / CLOSED
3            OPEN / CLOSED
4            OPEN / CLOSED

EXIT
```

- **Open** is the default setting for all inputs.

Set Home Position

10

```
SET HOME POSITION

HOME POSITION  NO ACTION
PRESET 1-96
PATTERN 1-3
RETURN TIME MINS 1-60 (10)

EXIT
```

- **No Action** is the default setting for the home position. **Preset 1-96** or **Pattern 1-3** may be assigned to the home position.

Set North Position

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```
SET NORTH POSITION

PAN to new north position

ZOOM to mark north position
FOCUS quits w/o changing
```

- The default **North Position** is 0-degrees Pan/Tilt.

Area Boundaries

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AREA BOUNDARIES

PAN to start of BOUND 1-16

PAN RIGHT ONLY

ZOOM to mark BOUNDARY
FOCUS saves and exits

- Up to **16** areas may be programmed. These areas are separate from areas that may be available through your switcher.

Privacy Zones

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PRIVACY ZONES

ADD PRIVACY ZONES
DELETE SPECIFIC ZONE
DELETE ALL ZONES

HIDE ALL ZONES? NO/YES

EXIT

In addition to hiding all programmed privacy zones, this screen provides links to lower level screens. See the following screens:

- **Add Privacy Zones** (Screen 14)
- **Delete Privacy Zone** (Screen 15)
- **Delete All Zones** (Screen 16)

Add Privacy Zones

14

→←
NEW PRIVACY ZONE
Navigate to corner 1(2, 3)

ZOOM to Mark Corner
FOCUS to Abandon Zone

- Up to **8** Privacy Zones may be programmed.
- Three points must be selected to establish the Privacy Zone. The fourth point is automatically calculated.
- Use the **Pan/Tilt** control to position the arrows over the selection point. If arrows blink, this is not a valid selection area.
- Press **Zoom** to save the point.

Delete Privacy Zone

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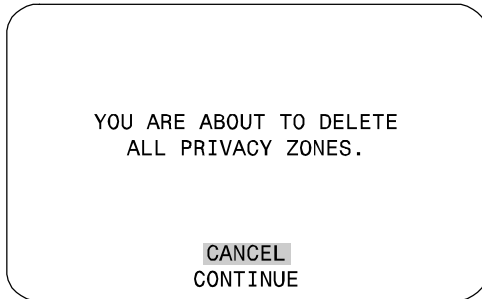
→←
Navigate to zone

ZOOM to delete zone
FOCUS quits w/o changing

- Arrows must be clearly positioned in zone to delete.
- Use the **Pan/Tilt** control to position the arrows over the zone. If arrows blink, this is not a valid selection area.
- Press **Zoom** to delete the selected zone.

Delete All Zones

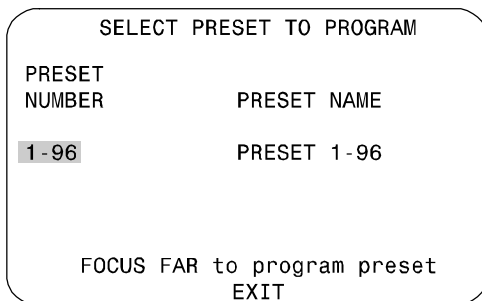
16



- This option permanently removes all programmed Privacy Zones. To temporarily hide the zones, use *Hide All Zones*. See *Privacy Zones* (Screen 13).

Select Preset to Program

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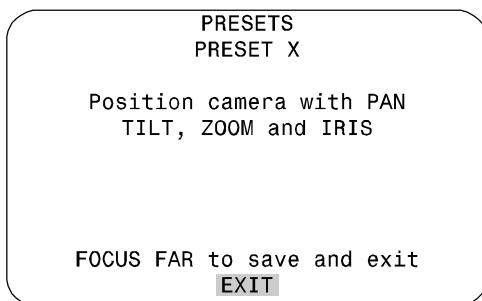


The number of presets available depends on your operating environment.

- If installed under *SensorNet* or *RS-422*, up to **96** presets are available.
- If installed under *Manchester*, up to **64** presets are available.

Program Preset

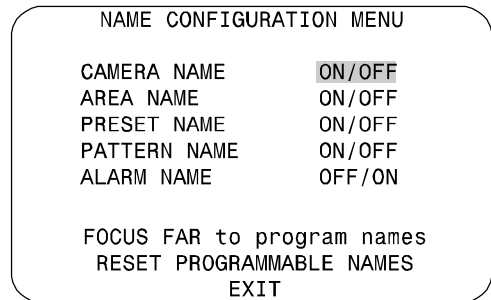
18



- This screen also appears if a *Preset* is selected for the *Home Position* (Screen 10), and the selected preset has not been programmed.

Name Configuration Menu

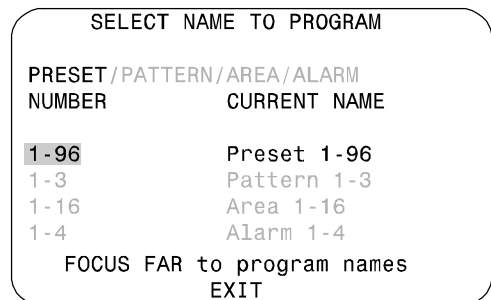
19



- Use **Zoom** to change the display setting.
- Press **Focus** to start name programming for highlighted setting.
- If Camera is selected, the *Name Programming* (Screen 21) automatically appears. For others, *Select Name to Program* (Screen 20) appears.

Select Name to Program

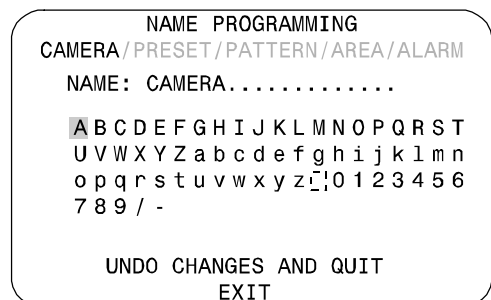
20



- Use **Zoom** to select the appropriate Alarm, Area, Pattern, or Preset number.
- Press **Focus** to start name programming.

Name Programming

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- Names may contain up to **18** characters.
- Use **Pan/Tilt** to move the highlight around available character field. Press **Focus** to select highlighted character.
- **Zoom In** moves the highlight one space right in the name; **Zoom Out** moves the highlight one space left.

Text Attribute Options

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TEXT ATTRIBUTE OPTIONS

CHARACTER OUTLINE ON/OFF
 TRANSLUCENT NAMES ON/OFF

EXIT

- If **Privacy Zones** are displayed, **Translucent Names** is automatically disabled.

Language Selection

23

LANGUAGE SELECTION

ENGLISH
 SPANISH
 FRENCH
 GERMAN
 ITALIAN
 PORTUGUESE

EXIT

- Dome must reset for language setting to change.
- Programmed names do not change after setting the language. Only default names change.

Set Password

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SET PASSWORD

PASSWORD: *****

A B C D E F G H I J K L M N O P Q R S T
 U V W X Y Z a b c d e f g h i j k l m n
 o p q r s t u v w x y z | 0 1 2 3 4 5 6
 7 8 9 / -

CONTINUE
 CANCEL

- Passwords may contain up to 8 characters.
- See **Name Programming** (Screen 21) for operating instructions.

Enter Password

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ENTER PASSWORD

PASSWORD: *****

A B C D E F G H I J K L M N O P Q R S T
 U V W X Y Z a b c d e f g h i j k l m n
 o p q r s t u v w x y z | 0 1 2 3 4 5 6
 7 8 9 / -

CONTINUE
 CANCEL

- This screen only appears when **Password Protection** is enabled. The password must be successfully entered before the **Dome Configuration Menu** will appear.
- See **Name Programming** (Screen 21) for operating instructions.

Dome Statistics

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DOMESTATISTICS

	PanStat	TiltStat	ZoomStat
R	000000C9	00000085	00000011
L	0000006A	00000074	00000012
M	000001B5	00000089	00000048
T	00000013	00000017	0000000E
	Pwr/Run		Pwr/Run
O	00007615	W	00000000
P	00000000	U	00000000

EXIT

This screen displays operating statistics for the dome. The information displayed represents the number of occurrences or time in seconds (displayed in hexadecimal format).

- **R** represents time moving **Right** in seconds.
- **L** represents time moving **Left** in seconds.
- **M** represents **Total Move Time** in seconds.
- **T** represents **Target Count**.
- **O** represents **Operating Time** in seconds.
- **P** represents **Power Failure Reset Count**.
- **W** represents **Watchdog Reset Count**.
- **U** represents **User Reset Count**.