

GE
Security

Legend Quick Guide



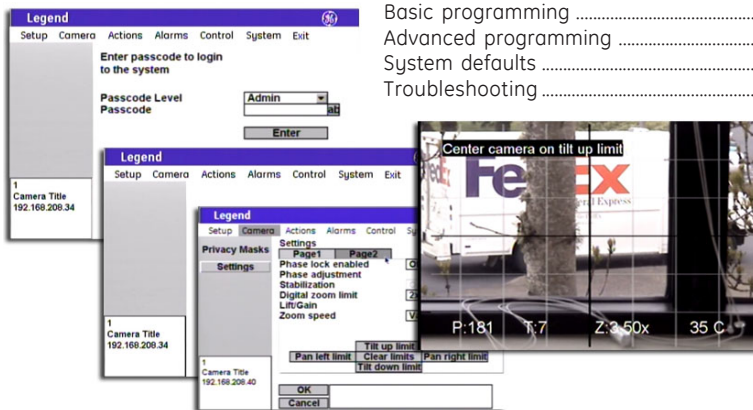
Introduction

Welcome to the Legend Quick Guide. This guide helps you install, program, and use your Legend dome. It includes step-by-step instructions that show how to perform basic system tasks. Please refer to the user manual for complete details, when necessary.

Legend sets a new standard for integrated dome cameras. SilkTrak™ direct drive technology eliminates roughness common to other domes, and easy-to-use menus simplify the programming of presets, tours, macros, privacy masks, and alarms.

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TIP

You'll find special items such as Tips and Cautions in the page margins. These items make setup and basic operation easier.

TIP

If you have a problem installing, programming, or operating your Legend dome, try these solutions in this order:

- 1) Read the Quick Guide.
- 2) Read the corresponding sections of the installation and user manuals.
- 3) Call Technical Support.

From 6 a.m. to 5 p.m. (Pacific Time), Monday through Friday, excluding holidays:

Toll-free: 888.437.3287

in the US (including Alaska and Hawaii), Puerto Rico, and Canada

Outside the toll-free area: 503.885.5700

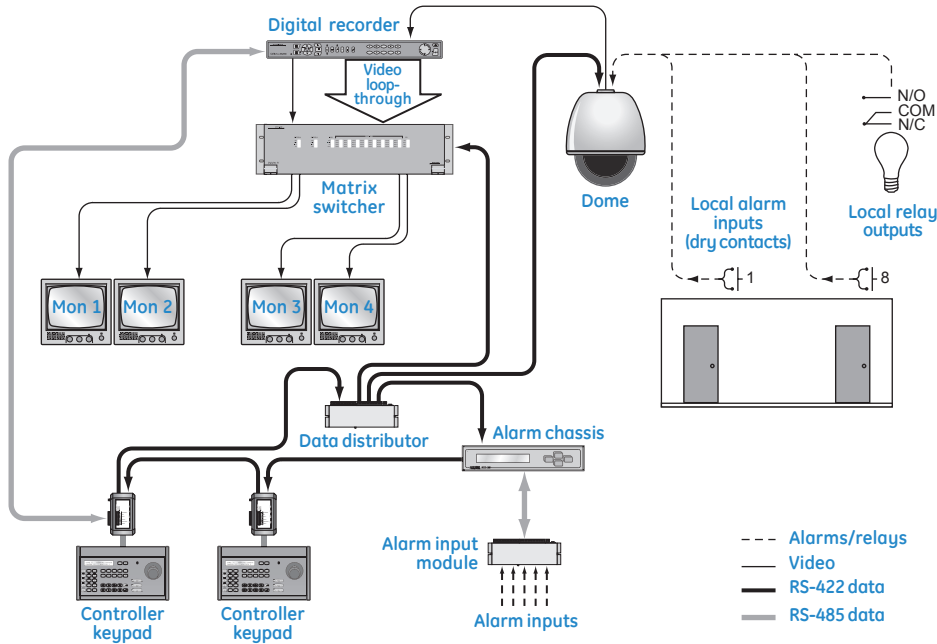
Sales: info@gesecurity.com

Technical Support: generaltech@ge.com

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Application diagram

An advanced Legend system integrates alarms and relays. Each dome provides 8 alarm inputs, 2 relay outputs, 127 presets, 16 ShadowTours (up to 20 minutes total), and 32 macros (up to 16 steps each).

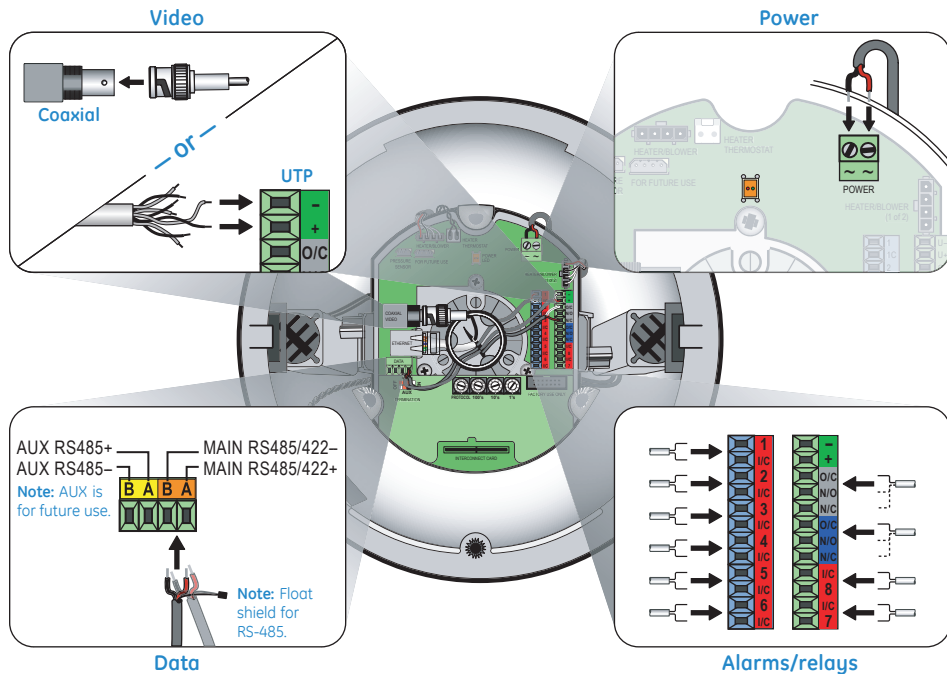


TIP

The Legend protocol is backward compatible, so you can replace older domes in an existing Digiplex system with Legend domes. The hardware, however, is not backward compatible.

Wiring

For complete cabling requirements and installation instructions, see the installation manual. All cables are connected to the housing board in the housing. Addressing, protocol, and termination are set on the active housing board.

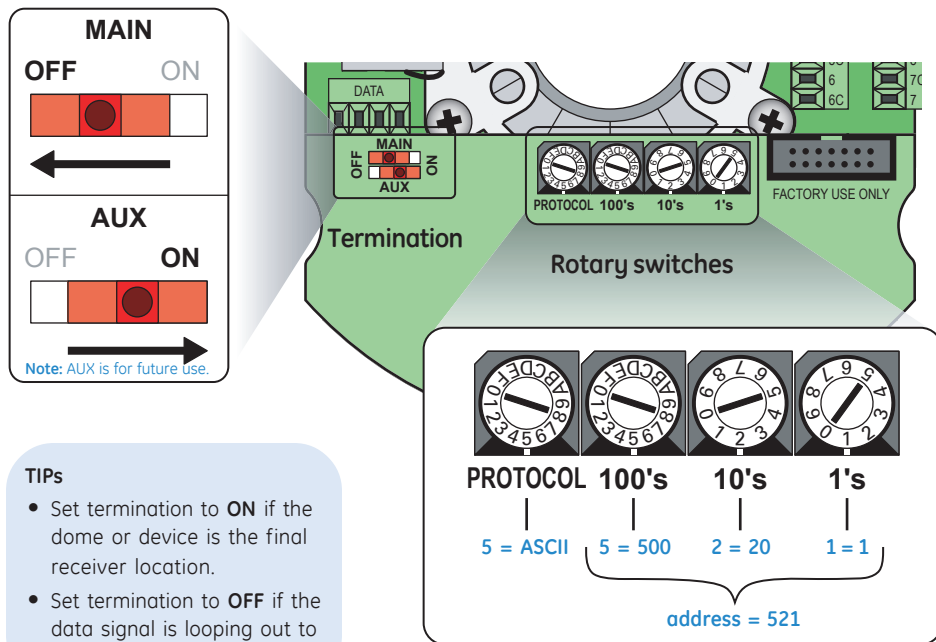


TIPS

- For **data**, you have the choice of connecting UTP for RS-422 or connecting STP for RS-485.
 - If you are installing RS-485, float the shield at the dome and ground it at the keypad.
 - If you are daisy-chaining domes, connect the incoming and outgoing cables to the MAIN terminals.
- For **video**, you have the choice of connecting UTP or coaxial.
 - If you are installing coaxial video, use only crimp-on BNC connectors.
- For **power**, feed the cable over the top of the upper bracket, *never through the center*. Power is not polarity sensitive.
- For **alarms**, use dry contacts.
- For **relays**, use a maximum operating voltage of 30 VAC, 30 VDC at 0.5 A.
- Because of space constraints, if you are installing more than five alarms and/or relays, use a multiple-conductor cable instead of individual single-pair cables.
- If heaters are present, route all cables away from them.

Addressing and terminating

The dome provides rotary switches for setting the camera's site address and communication protocol. Site addresses can be numbered from 0 to 1599. Termination is set with two slide switches.



TIPs

- Set termination to **ON** if the dome or device is the final receiver location.
- Set termination to **OFF** if the data signal is looping out to other domes or devices.

TIPs

Equivalent values for the switches are:



- For the **1's** switch, the values increase in increments of 1 from 0 to 9.
- For the **10's** switch, the values increase in increments of 10 from 0 to 90.
- For the **100's** switch, the values increase in increments of 100 from 0 to 900 for switch positions 0 through 9 and from 1,000 to 1,500 for positions A through F.
- For the **PROTOCOL** switch, the values are as follows:

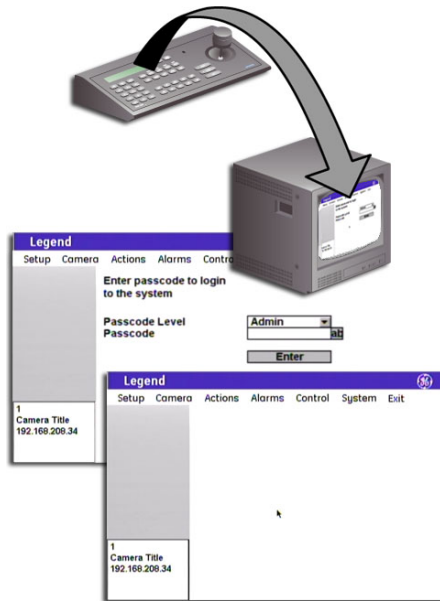
Switch	Value
0	GE Digiplex (RS-422) @ 4800 baud
1	GE Impac (RS-485) @ 9600 baud
2	For future use
3	For future use
4	For future use
5	GE ASCII @ 9600 baud
6	Pelco D @ 2400 baud
7	Ultrak @ 9600 baud (even parity)
8	For factory use
9	For factory use
A	For future use
B	For future use
C	For future use
D	For future use
E	For future use
F	For future use

Accessing and navigating the menus


If passcodes were turned on during installation (or later), access to the menus of the graphical programming interface will be passcode-protected. Otherwise, you will be taken directly to the main menu. For details about passcodes, see the installation and user manuals.

Accessing the menus

1. Starting at the keypad (a GE KTD-405 keypad), press and hold the **set** () key until you hear a beep and the programming code display appears on the keypad's LCD.
2. Press the **9, 5, 1**, and **seq** () keys.
3. Press **3** on keypads of version 1.2.09 or later to select CAMERA. If using a keypad of version 1.1.06 or earlier, press **3** on the first screen to select CAMERA/RCVR, then press **1** to select CYBERDOME on a second screen.
4. Enter the dome's 4-digit camera site number (fewer digits with older keypads). See *TIPS*.
The joystick now becomes a simulated mouse and drives a cursor on the monitor screen over the menus of the graphical programming interface.
5. If passcodes are turned on, select your passcode level and enter your passcode. If passcodes are not turned on, you will be taken directly to the main menu.
You can now access any programming parameters allowed by your passcode.



TIPS

- The Legend protocol supports all of the common commands of other manufacturers' keypads and protocols, such as PelcoD, Ultrak, Impac/485, and ASCII.
- To verify your keypad's version, press and hold the **mon** key until the keypad beeps, then press the **▶▶** key.
- You can either enter the camera site number with the preceding zeros (such as 0003), or you can enter the camera number without the preceding zeros (such as 3) and press **set** ().
Note: Later keypad versions allow 4-digit camera site numbers, while earlier keypad versions allow 2- or 3-digit numbers.
- You can either enter passcodes by pressing number keys on the keypad or by opening the keyboard in the programming interface. Selecting the **ab** icon opens the keyboard. Pressing the **esc** key clears numbers entered from the keypad.

Navigating the menus

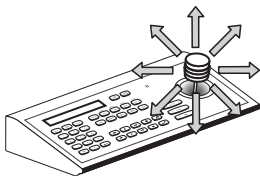
While in the menus of the programming interface, the joystick of your keypad operates in two modes depending on what you are doing.

- While moving among the menus, the joystick is a simulated mouse and you enter commands using the joystick.
- While controlling live video, the joystick is a video controller. When the joystick is a video controller, you will use the keys of the keypad to enter commands.

Joystick as simulated mouse

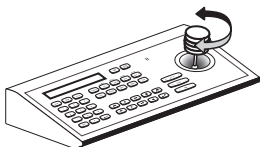
To move the cursor (onscreen arrow) across the menus:

Push or pull the joystick in any direction. The farther you move the joystick, the faster the cursor will move.



To make a selection:

Place the cursor over a menu, button, checkbox, item in a list, or arrow of a drop-down box, and twist the knob on the joystick.




Note: You can also use the zoom +/- () key.

Joystick as video controller

To save (accept) live video programming::

Press the **iris+** () or the **set** () key on the keypad.

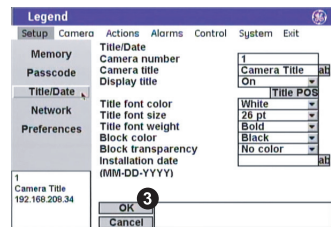
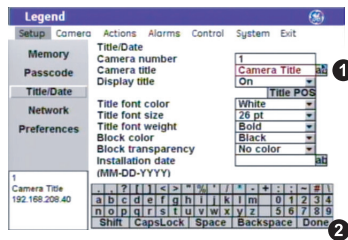
To cancel (abort) live video programming::

Press the **iris-** () or the **esc** () key on the keypad.

Using the onscreen keyboard

Open the keyboard by selecting the **ab** icon ( 1). After you have entered the necessary characters, select **Done** ( 2) on the keyboard to return to the page and select **OK** ( 3) to save the changes

made to the page.



TIPS

- The timeout of the keypad controls the display of the programming interface. The GE KTD-405 keypad times out after five minutes of inactivity. The programming interface will therefore time out after five minutes, as well, but the system will sit on the *enter camera number* display on the keypad's LCD. You have another five minutes within which to reenter the camera number.
- For screens that have tabs, be aware that the last tab accessed previously will be the first tab accessed the next time you enter a page.




Basic programming

Presets and ShadowTours are the most frequently used programmable features of domes. Use the following procedures to program them quickly.

Presets

You can set presets from the keypad or with the menus. If you set presets from the keypad, you may want to go into the menus to customize them with titles and exposure settings.

Programming presets from the keypad

1. Use the joystick to pan, tilt, and zoom the camera to the desired view.
2. Press **store** () on the keypad.
3. Press the number keys on the keypad that correspond to the preset number you want to assign for this view.
4. Press **store** () again.
5. Optional: Verify your individual presets by pressing **find** (), then pressing the number keys that correspond to a preset.
Note: You can reprogram any presets that you are not satisfied with.
6. Optional: Go into the menus and customize the preset with a title and exposure settings.





Command

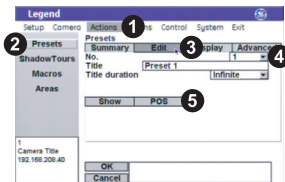
Set a preset
Set the left autopan limit
Set the right autopan limit

Keypad shortcut

store | (number) | **store**
store | ◀ | **store**
store | ▶ | **store**

Programming presets with the menus

1. Access the menus (page 5).
2. Select:
 - a. **Actions**;
 - b. **Presets**;
 - c. **Edit**;
 - d. a preset number;
 - e. and **POS**.
3. Use the joystick to pan, tilt, and zoom the camera to the desired view.
4. Press **iris+** () or **set** () to save the preset position, or press **iris-** () or **esc** () to cancel it.
5. After you have saved a preset position, you can use the other options on the *Edit*, *Display*, and *Advanced* tab pages to customize the preset's title, duration, and exposure settings.



TIPS

- There are 127 presets (1 through 127) for each dome. If you are using presets 62 and 63 for the left and right autopan limits, then you have a total of 125 presets.
- Most keypads have a limited number of preset numbers they can call. If you are using a 1.2.09 or later version of the GE KTD-405 keypad, you can call up all 127 preset numbers directly from the keypad. Earlier versions of the keypad can call up only the first 63 preset numbers.
Note: To verify your keypad's version, press and hold the **mon** key until the keypad beeps, then press the **▶▶** key.
- If the keypad does not allow you to program preset numbers 1 through 57 using the **store** key, you will need to enable the lower preset numbers in the keypad's programming. Refer to the keypad's user manual.
- The dome provides the ability to *remap* any preset or tour command coming in from a keypad to activate any of the 127 presets, 16 tours, or 32 macro actions. This enables you to manually initiate any of the expanded capabilities of the dome from keypad controllers with limited command capability. Refer to the user manual for details.

ShadowTours

You have a total of 16 ShadowTours (totaling 20 minutes) that you can define for each dome. A ShadowTour is a tour that the camera learns (stores in memory) by recording your manual operation of the camera. The tour can be replayed at any time.

To program a ShadowTour:

1. Access the menus (page 5).
2. Select:





- a. **Actions**;
- b. **ShadowTours**;
- c. a ShadowTour number; and
- d. **Program**.

3. Press and release

iris+ () or

set () to start the ShadowTour timer.

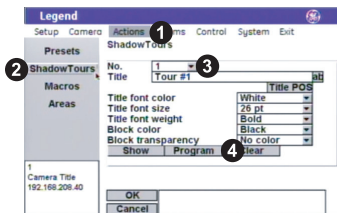
4. Use the joystick to manually direct the camera through the desired PTZ movements.

5. Press **iris+** () or **set** () to save the ShadowTour, or press **iris-** () or **esc** () to cancel it.



6. After you have saved a ShadowTour, you can use the other options on the *ShadowTour* page to customize the tour's title.

7. Optional: Verify tours from the menu by selecting a tour number and selecting **Show**.

Note: If you are out of the menus, you can press **tour** () and the tour number on the keypad to activate the desired tour.



TIPS

- ShadowTour titles and other titles appear on the monitor screen in default positions. You can reposition any title that has a *Title POS* button.
- When programming live video settings, you need to save both the live video settings and the changed settings on the programming page.
 - Save the live video settings by pressing **iris+** () or **set** ().
 - Save the changes on the programming page by selecting **OK**.
- The dome provides the ability to *remap* any preset or tour command coming in from a keypad to activate any of the 127 presets, 16 tours, or 32 macro actions. This lets you manually initiate any of the expanded capabilities of the dome from keypad controllers with limited command capability. Refer to the user manual for details.

Advanced programming

The Legend dome is ready to operate with its defaults, but it offers many features that can be programmed to adapt to challenging lighting and performance conditions.

Menu tree

The menu tree guides you to the dome's programmable features. Self-explanatory features have been collapsed.

Setup	Camera	Actions	Alarms	Control	System
Memory	Privacy Masks	Presets	Summary	Command Map	Diagnostics Temperature
Passcode	Settings	ShadowTours	Contact Setup	Power-on and Resume	Status
Title/Date	Page1 Day/Night White balance	Macros	Priority	Speeds/Tracking Max pan speed Max tilt speed Autopan speed Proportional zoom Zoom variable tilt Electronic flip (E-flip)	Logs
Network	Exposure Control Autoslow Lowest shutter Return to auto	Areas	Display		Firmware Update
Preferences	Page2 Phase lock Phase adjustment Stabilization Digital zoom Lift/Gain Zoom speed Tilt limits Pan limits		Relay State		
Display					
Language					
Branding					
Temperature					
Coordinates					
Pan					
Tilt					
Zoom					
North					

Under advanced programming:

- Menu tree on page 9.
- Cautions and performance requirements on page 10.
- Common advanced procedures on page 14.

Under cautions and performance requirements:

- Cautions on page 10.
- Autopan limits on page 10.
- Pan and tilt coordinates on page 10.
- Privacy masks on page 11.
- The *Exposure* and *Day/Night* relationship on page 11.
- Alarms on page 12.
- Command mapping on page 13.

Remember how to ...

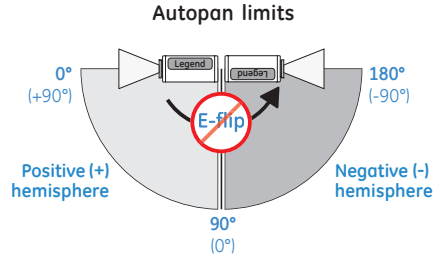
- Access the menus? See page 5.
- Navigate the menus? See page 6.

Cautions and performance requirements

The information contained in this quick guide is condensed from the user manual. Please refer to the user manual for complete details, when necessary.

Autopan limits

When setting autopan limits, be aware that you must set both the right and left limit in the same tilt hemisphere (positive or negative). You can set them in either tilt hemisphere, but you cannot cross hemispheres, meaning that you cannot pass the bottommost point or turn the camera upside down. Allowing the camera to E-flip will create an invalid set of autopan limits that may cause unexpected camera performance.



CAUTION:

For all installations, heed these cautions:

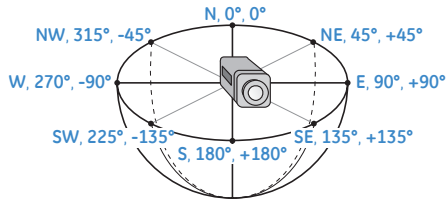
- If you are using passcodes, record them in a secure place. If you forget the passcodes for a dome, you will need to send the dome back to the factory so that it can be reset with no passcodes.
- Clearing memory replaces your custom settings with the factory default settings.

Pan and tilt coordinates

As shown, you can choose one of several coordinate systems to display the pan and tilt coordinates of the camera on the monitor screen.

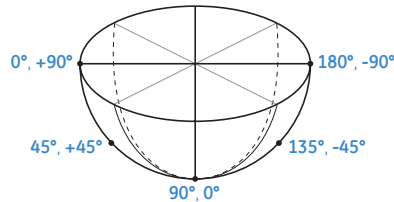
Pan coordinates

Choices: Bearings, Degrees 360°, and Degrees $\pm 180^\circ$



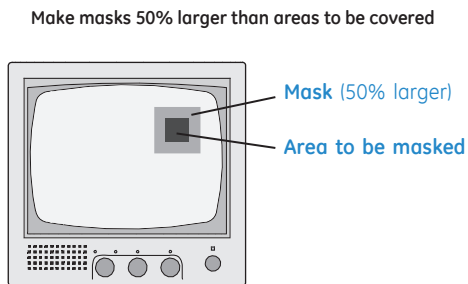
Tilt coordinates

Choices: Degrees 180° and Degrees $\pm 90^\circ$

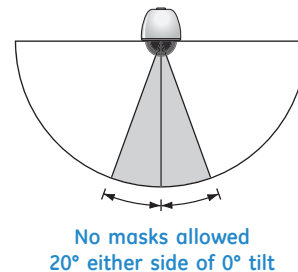


Privacy masks

When creating privacy masks, it is common practice to make them at least 50% larger than the areas that you wish to cover so that the masked areas are properly covered. Also, be aware that privacy masks cannot be created in the area directly below the dome.



Make no masks directly below the dome



The Exposure and Day/Night relationship

Exposure is a camera feature that establishes what controls the light coming into the camera through the lens. *Day/Night* is a camera feature that switches the camera mode from color (day) to monochrome (night) and removes the IR cut filter, which increases the camera's sensitivity in low light. It also allows the camera to function with IR lighting.

The *Day/Night* feature works only if the *Control* option of the *Exposure* feature is set to *Auto*. Two conditions can prevent the camera from switching between the color and monochrome modes according to the *Day/Night* setting. One, if you've overridden the *Auto* setting of *Exposure | Control* with manual commands from the keypad. Two, if you've called a preset (or a command containing a preset) that is programmed to override the *Auto* setting of *Exposure | Control*.

In the second scenario, the camera returns to the *Auto* setting of *Exposure | Control* after you leave the preset. In the first scenario, you must issue a command to return to the *Auto* setting of *Exposure | Control*. Using the iris key on the keypad manually adjusts the camera's iris setting or shutter speed, overriding the *Auto* setting of *Exposure | Control*. You must issue a pan or tilt command from the keypad to leave the manual override and return to the *Auto* setting of *Exposure | Control*. While you remain in the manual override, the color and monochrome modes of the *Day/Night* setting will not switch according to the changes in the lighting conditions. See the user manual for details.

Alarms

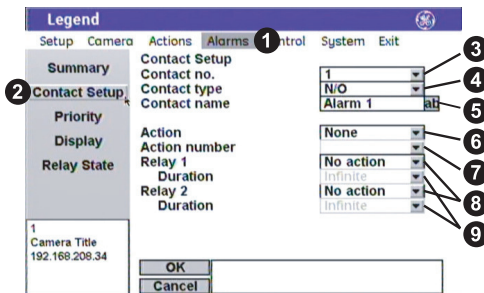
You can program up to eight alarm inputs and two relay outputs per dome. Each alarm input can call up (display) any preset, macro (programmed routine), or ShadowTour. Legend domes do not handle alarms in the same way as most other alarm equipment. You need to be aware of the key differences. See the user manual for complete details.

Key differences of dome alarms

- Each dome alarm can include one dome action (not required) and one or two relay actions.
- The *Resume* feature is disabled by alarms.
- Dome alarms are not acknowledged.
- When a dome alarm is set to a preset, tour, or macro, the camera will stay with that action until the operator issues a command from the keypad. *Resume* will then be reenabled.
- Dome alarms are prioritized.
- Dome alarms are not held in a queue. Only the highest priority alarm that is triggered is actioned.
- If several dome alarms are triggered at the same time, the next highest priority alarm is actioned **only if** it is still being triggered after the higher priority alarm has finished.
- If a higher priority alarm is triggered while a lower priority alarm is being actioned, the

higher priority alarm will override the lower priority alarm. The lower priority alarm will be restarted **only if** it is still being triggered after the higher priority alarm has finished.

- The only relay states that you need to clear are those that are set to *Infinite* duration.
- Clear *Infinite* duration relay states by:
 - (1) selecting a **Relay Off** button;
 - (2) using another alarm command that sets the relay with a duration of at least one second; or
 - (3) using a remapped preset command that activates a macro.
- You can make a relay action a default action upon the power-up of the dome by selecting the **Relay 1 on** or the **Relay 2 on** button on the *Relay State* screen.

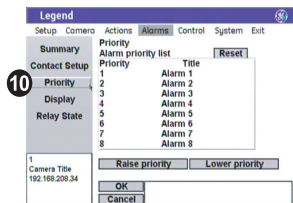


TIP

When changing settings on any programming page, you need to confirm the new settings by selecting **OK** on that page.

To program an alarm:

1. Access the menus (page 5).
2. Select **Alarms** and **Contact Setup**.
3. Select a contact number.
4. Select a contact type.
5. Optional: Give the alarm a name.
6. Optional: Assign an alarm action.
7. Select an action number, if an action was assigned.
8. Optional: Add one or two relay actions.
9. Select relay durations, if relays were added.
10. Complete steps 3 through 9 for additional alarms.
11. Select **Priority** and arrange the priority of the alarms from the highest to the lowest.



Command mapping

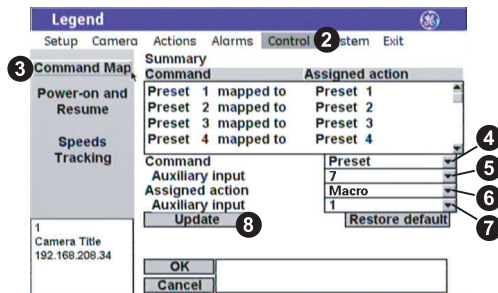
The dome provides the ability to remap any preset or tour command coming in from a keypad to activate any of the 127 presets, 16 tours, or 32 macro actions. This enables you to manually initiate any of the expanded capabilities of the dome from keypad controllers with limited capability.

Command mapping does not affect any of the internal command operations the dome performs, such as resume and alarm actions. It only affects the actions the dome will perform when it receives a command from an external device (keypad or alarm interface).

An example of remapping is using a preset command from the keypad (for example, Preset 7) to run a macro (for example, Macro 1). In the command map programming, you would select the command you wish to use (in this case, Preset 7) and remap that command to activate an assigned action (in this case, Macro 1). See the user manual for complete details.

To remap a preset or tour number to activate another action:

1. Access the menus (page 5).
2. Select **Control**.
3. Select **Command Map**.
4. Under *Command*, select a command group (preset or tour) to remap. (*Preset*, in the example.)
5. Under *Auxiliary input*, select a number (for example, 7) from that group to remap.
6. Under *Assigned action*, select an action group (preset, tour, or macro) to assign to that command number. (*Macro*, in the example.)
7. Under *Auxiliary input*, select a number (for example, 1) from that assigned action group to assign to that command number.
8. Select **Update**. You have now remapped the command (Preset 7) to activate the assigned action (Macro 1).
9. Complete steps 4 through 8 for additional commands.



TIPS

- When changing settings on any programming page, you need to confirm the new settings by selecting **OK** on that page.
- Most keypads have a limited number of preset numbers they can call, which will limit how many commands can be remapped. If you are using a v1.2.09 or later version of the GE KTD-405 keypad, you can call up all 127 preset numbers directly from the keypad. Earlier versions of the keypad can call up only the first 63 preset numbers.

Note: To verify your keypad's version, press and hold the **mon** key until the keypad beeps, then press the **▶▶** key.





Common advanced procedures

The information contained in this quick guide is condensed from the user manual. Please refer to the user manual for complete details, when necessary.

Moving titles

Most titles are defaulted to align down the center of the screen and across the bottom. See *System defaults* on page 17. You can, however, move titles to wherever you want them.





To move titles:

1. Select **Title POS** on the programming page of the title that you want to reposition.
2. Move the joystick to move the title to the desired position.
3. Press **iris+** () or **set** () to save the new position, or press **iris-** () or **esc** () to cancel it.

Programming actions in live video

Most actions in live video are programmed the same. Where they are programmed differently, instructions will appear on the live video screen.



To program most actions:

1. Select **Set north**, **Program**, **POS**, or **Set**, depending on what you are programming.
2. At the live video screen, use the joystick to move the camera to the desired position or to increase/decrease values on a scale.
3. Press **iris+** () or **set** () to save the new setting, or press **iris-** () or **esc** () to cancel it.

Under common advanced procedures:

- Moving titles on page 14.
- Programming actions in live video on page 14.
- Building a macro on page 15.
- Resetting the dome on page 16.
- Rebooting the dome on page 16.

TIPS

- When changing settings on any programming page, you need to confirm the new settings by selecting **OK** on that page.
- When establishing live video settings, you need to save both the live video settings and the changed settings on the programming page.
 - Save the live video settings by pressing **iris+** () or **set** ().
 - Save the changes on the programming page by selecting **OK**.

Building a macro

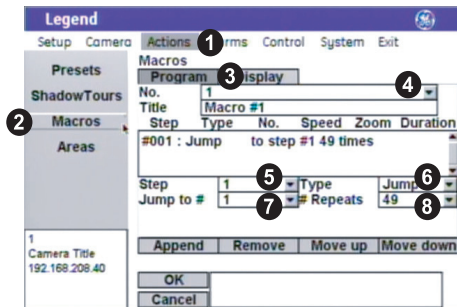
Macros are programmed routines. You can program up to 32 macros per dome and each macro can contain up to 16 steps.

To program a macro:

1. Access the menus (page 5).
2. Select **Actions**, **Macros**, and the **Program** tab.
3. Select a macro number.
4. Macros have no steps initially. You can add and program steps one at a time or you can add up to 16 steps and go back to program them. Select the **Append** button to add steps.

Note: Select a step and select the **Remove** button to remove individual steps that you do not want.

5. Select a step number that you want to program or reprogram.
6. Select an action for the selected step using the options in the *Type* drop-down box. The step type selected determines what additional options are available.
7. Select the specific number for the selected action. For example, preset number 14.
8. If you selected a jump as the action for the step, also select how many times you want the jump step to repeat.
9. If you selected a preset or tour as the action for the step, also select: first, the speed for how fast the camera will move to that preset or tour, and second, the transition of the video on the monitor screen (freeze or zoom out) while the camera moves to that preset or tour. See *TIPS*.
10. If you selected a preset or relay as the action for the step, also select the duration for how long the action for the step continues.
11. If you selected a relay as the action for the step, also select whether the relay is to be set to its energized state (checkbox checked) or not. See *TIPS*.
12. Complete steps 4 through 11 for additional steps in the macro.
13. Complete steps 3 through 11 for additional macros.



TIPS

- When changing settings on any programming page, you need to confirm the new settings by selecting **OK** on that page.
- The macro list shows the defined steps for the macro in sequential order.
- The *Append* button adds one step to the bottom of a macro's list of steps.
- The *Remove* button deletes the currently selected step from the macro.
- The *Move up* and *Move down* buttons move the currently selected step up or down one step in the macro list each time they are selected.
- The *Freeze* option freezes the last image on the monitor screen while the camera is moving.
- The *Zoom out* option zooms the camera out before it moves, remains zoomed out while the camera is moving, and reestablishes the zoom setting when the camera arrives at its destination.
- Energized relay states are closed for normally open connections and open for normally closed connections.

Resetting the dome

You can reset the dome whether or not you have valid communication between the keypad and the dome.




To reset the dome, cycle the power to the dome by turning the power off then on.

Rebooting the dome

If you are using a GE KTD-405 keypad, and have valid communication between the keypad and the dome, then you can easily reboot when necessary.

Note: You cannot currently reboot Legend domes from other keypads.

To reboot a dome, do the following from a KTD-405 keypad:

1. At the normal display (CAMERA #/MONITOR #), press and hold **set** () until you hear a beep and the programming code display appears on the keypad's LCD.
2. At the ENTER PROGRAMMING CODE: display, enter the reset access code by pressing **1, 4, 7, 6**, and **seq.**
3. At the RESET TO DEFAULTS? display, press **iris+** () to select YES.
4. At the reset which display (ALL BUT TITLES, ALL, or CAMERA), press **3** to select CAMERA.
5. At the RESET CAMERA #? ARE YOU SURE? display, press **iris+** () to select YES.

The camera reboots in about 60 seconds. You will see the RESETTING CAMERA # display on the keypad LCD, and the splash screen and color bars on the monitor screen, as the camera reinitializes itself.



TIPS

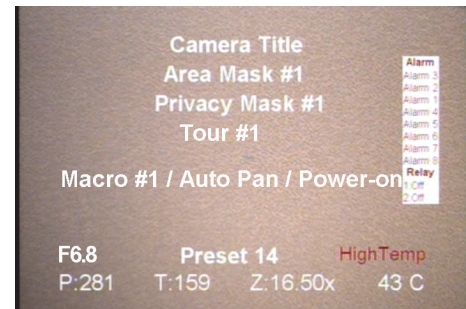
Resetting or rebooting a dome does not change or clear any programmed settings. If you want to clear any programmed settings, you need to clear the memory via the options on the *Memory* screen under *Setup*.

System defaults

Programming settings	Default
Alarm box content	All status
Alarm box duration	During action
Alarm contact type	N/O
Autopan speed	Slow
Autoslow shutter	Off
Backlight compensation	Off
Block color	Black
Block transparency	No color
Branding	Off
Contact type (alarms)	N/O
Day/Night	Automatic
Digital zoom limit	12x
Electronic image flip (E-flip)	On
Exposure control	Iris
Gain	0
Language	English
Lift	0
Night mode	Off
IP address	192.168.208.250
Note: The 250 is the default site number (camera address) for all domes.	
Pan coordinates	Degrees 360
Pan limits	Off
Passcodes	Off (blank)
Phase adjustment	50°
Phase lock enabled	Off

Programming settings	Default
Power-on	Off
Preset title duration	Infinite
Privacy mask color	Gray
Relay 1/Relay 2	No action
Relay duration	Infinite
Resume	Off
Resume delay	Off
Resume operation	Preset
Return-to-auto	On
Subnet mask	255.255.255.0
Temperature display	Off
Temperature display duration	During action
Temperature thresholds (high and low)	0
Tilt coordinates	Degrees 180
Tilt limits	Off
Title font color	White
Title font weight	Bold
Title font size	26 pt
Title length	60 characters
White balance	Auto
Zoom coordinates	Power
Zoom proportional	On
Zoom speed	Variable
Zoom variable tilt	On

Default title positions



Compilation of titles on a monitor screen

Troubleshooting

Following are the most common troubleshooting issues and their solutions.

I forgot my passcode.

If you forget the passcodes for a dome, you will need to send the dome back to the factory so that it can be reset with no passcodes.

I can't get the programming interface to open.

Contact Technical Support. See page 2.

I can't get the programming interface to respond.

- First, reboot the dome with the keypad. See *Rebooting the dome* on page 16.
- If that doesn't work, then reset (cycle) the power to the dome by turning the power off then on. See *Resetting the dome* on page 16.

I can't get the programming interface to close.

Reset (cycle) the power to the dome by turning the power off then on. See *Resetting the dome* on page 16.

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