

PK5590CL Touch Screen Security Interface

Compatible with PowerSeries Control Panels



User Guide

IMPORTANT

This manual contains information on the limitations regarding product use and function and information on the limitations as to liability of the manufacturer. Read the entire manual carefully.

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QUICK REFERENCE

- Welcome > Main Menu > Settings > More > Access Codes

- Welcome > Main Menu > Arm Away
- Welcome > Main Menu > Arm Stay
- Welcome > Main Menu > Settings > More > [Brightness]
- Welcome > Main Menu > Bypass
- Welcome > Main Menu > Settings > More > [Chime]
- Welcome > Main Menu > Settings > [Start] (Cleaning Mode)
- Welcome > Main Menu > Settings > More > [Contrast]
- If not visible tap screen

- Welcome > Main Menu > Functions > [Function 1/2/3/4]
- Welcome > Main Menu > Settings > [English]/[French]

- Welcome > Main Menu > Logs
- Welcome > Main Menu > Settings > More > [Silence Beeps]
- Welcome > Main Menu > Bypass

- Welcome > Main Menu > Settings > More > Time/Date
- Welcome > Main Menu > Logs
- Disarm System to view Welcome screen

1. Introduction

The PK5590CL Touch Screen is an interactive touch-sensitive color LCD that can be used on Partition 1 of any PowerSeries control panel. Due to the custom requirements of individual installations some of the features described here may perform differently than described. Refer to your installer’s instructions for the details of your specific installation and to the **User** manual for general security system information.

Specifications/Features

Display.....	1/4 VGA (320x240 pixel) Color Touch Screen
Emergency Buttons.....	3 (Fire, Auxiliary, Panic)
LED Indicators.....	3 (Ready, Armed, Trouble)
Dimensions (mounting)	5-3/8”x3-7/8”
Wiring Distance	600ft (4-wire, 18 AWG Keybus)

NOTE: Programming changes may take up to 5 minutes to take effect. During this period the touch screen ignores user input and displays “System Unavailable” in the Status Bar.

Controls & Indicators

The following table lists the Led Indicator and push button functions. Most operations are performed by tapping an area indicated on the screen displayed.




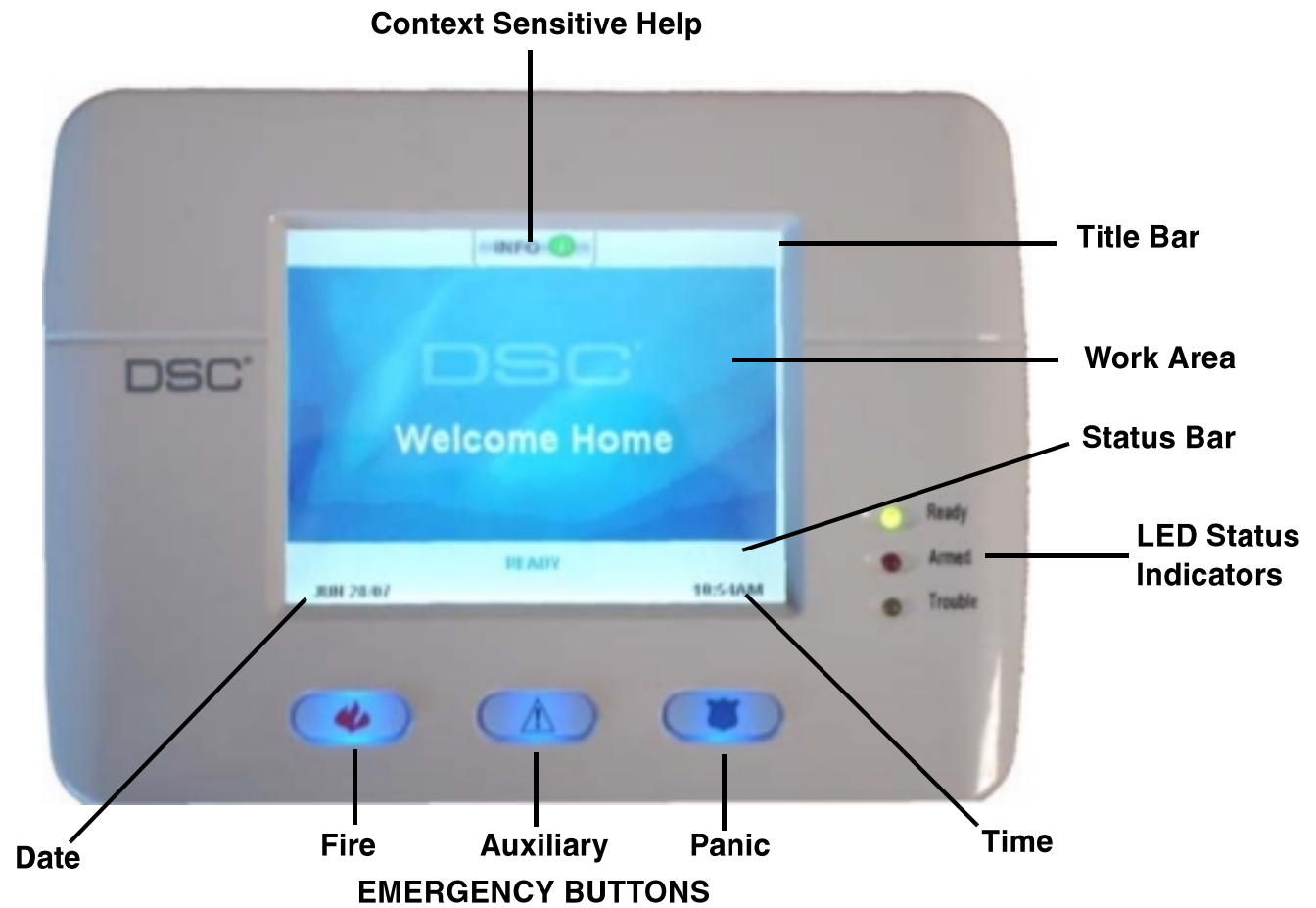
Function	Description
<p>LED Indicators:</p> <p>Ready Light (GREEN)</p> <p>Armed Light (RED)</p> <p>Trouble Light (YELLOW))</p> <p>Emergency Keys:</p> <div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; border-radius: 10px; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">  </div> <div>Fire Assistance Required. Press and hold for 2 seconds to activate</div> </div> <div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; border-radius: 10px; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">  </div> <div>Medical or other Assistance Required. Press and hold for 2 seconds to activate</div> </div> <div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; border-radius: 10px; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">  </div> <div>Police Assistance Required. Press and hold for 2 seconds to activate</div> </div>	<p>ON indicates the system is ready for arming. The system cannot be armed unless the Ready light is ON.</p> <p>ON indicates the system has been successfully Stay Armed or Away Armed. FLASHING indicates the system has been successfully armed with no entry delay.</p> <p>ON indicates there is trouble on the system. Press the Logs menu from the Main menu to view troubles.</p>
<p>IMPORTANT NOTE: The Auxiliary and Panic Keys are ON by default. The Fire Key will not function unless programmed by the Installer. If the keypad is programmed "Silent" the keypad will not change when a key is pressed. These events are recorded in the LOG.</p>	

Figure 1, Controls & Indicators



LCD Touch Screen

Welcome screen

The Touch Screen LCD is 1/4 VGA 320 x 240 pixel display
This screen will blank after 15 minutes of inactivity. Tapping the screen will restore the display. During normal operation (unarmed) and system startup the WELCOME screen is displayed. From here a series of screens can be accessed that allow the user to perform Arming/disarming and other User functions. To navigate through the various screens, refer to Quick Access guide at the front of this document and to Figure 2, Touch Screen Flowchart

Indoor and Outdoor Temperature is displayed in the top left and right corners of the screen if an Escort module and temperature sensors have been installed.

The **INFO** button provides context sensitive help for the current screen

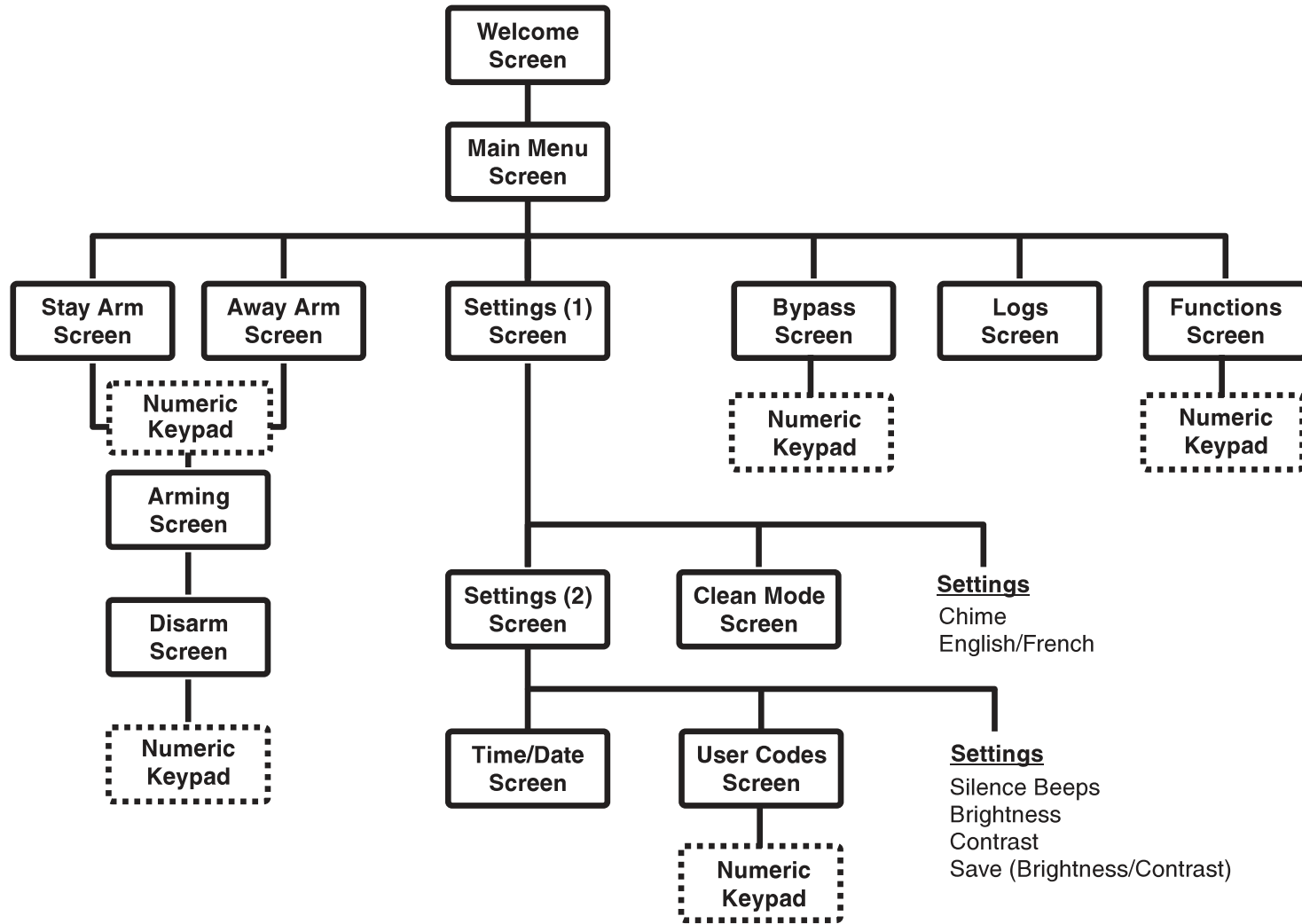
Date & Time are displayed in the lower left and right corners of the screen

System Status (i.e., Ready, Armed, Exit Delay etc. is displayed in the bottom center of the screen.

NOTE: Tapping Date or Time will display the Date/Time Programming screen

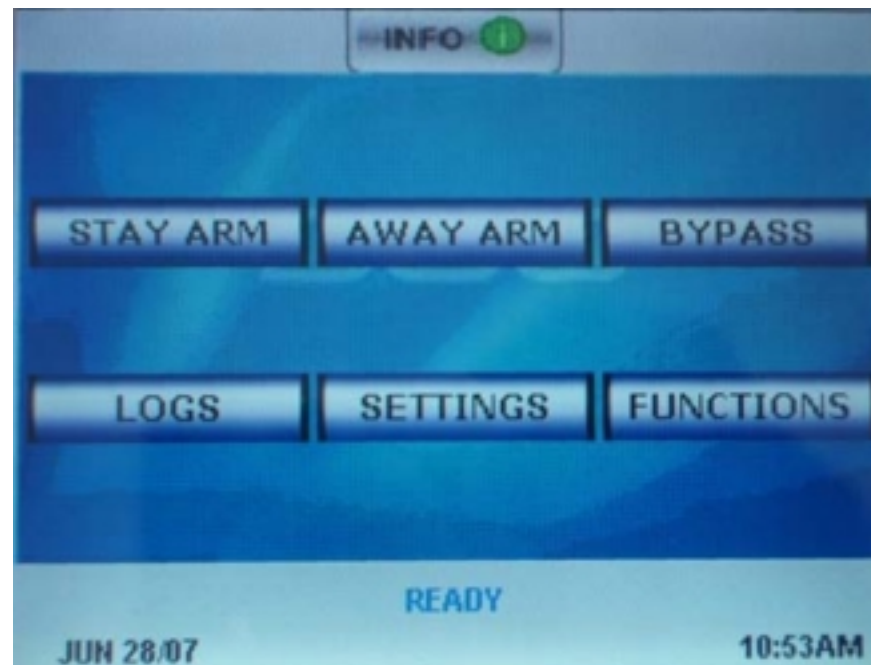
Tapping the screen anywhere between the upper and lower status bars will display the Main Menu screen

Figure 2, Touch Screen Flowchart



Main Menu screen

The Main Menu screen allows you to select the following functions. To select a function tap on the associated virtual push button.



Note: If PowerSave has been enabled, the screen will blank after 1 minute.
Tap the screen once to display the **Welcome** screen.
Tap the screen again to display the **Main Menu** screen.

Stay Armed

When Stay Arm is Selected:

NOTE: If Quick arm is not enabled by the installer, then a numerical keypad will be displayed. Enter a valid access code, then tap "Enter" to proceed.

- "System is Arming" will be displayed in the work area
- The **Armed** LED Indicator turns **ON**
- "Exit Delay-Bypass" is displayed in the Status Bar. The pre-programmed Exit Delay begins

IF **Cancel** is selected during the Exit Delay:

- A numeric keypad is displayed
- Enter (tap) your Access Code then tap the **Enter** button
- Arming sequence is aborted and system returns to the **Welcome** screen
- Armed LED turns **OFF**

At the end of the pre-programmed **Exit Delay**:

- "The **Disarm** screen is displayed
- The **Ready** Indicator turns **OFF**
- "**Stay Armed-Bypass**" - is displayed in the Status Bar

NOTE: This screen will blank after 15 minutes. Tap to unblank the screen.

IF **Disarm** is selected

- A numerical keypad is displayed
- Enter your **Access Code** in the keypad then tap **Enter**
- The system returns to **Welcome** screen, The **RED Armed** indicator turns **OFF**
- Alarm status is momentarily displayed in the status bar then "**Ready**" is displayed
- Green **Ready** indicator turns **ON**

Away Arm

When Away Arm is Selected:

NOTE: If Quick Arm is not enabled by the installer, then a numerical keypad will be displayed. Enter a valid access code, then tap "Enter" to proceed.

- "System is Arming" will be displayed in the work area
- The **Armed** LED Indicator turns **ON**
- "Exit Delay" is displayed in the Status Bar. The pre-programmed Exit Delay begins
- The Touchscreen "chirps" at a 1-second urgency interval during the **Exit Delay**. Then will sound 3 chirps in the last 10 seconds.

IF **Cancel** is selected during the **Exit Delay**:

- A numeric keypad is displayed
- Enter (tap) your Access Code then tap the **Enter** button
- Arming sequence is aborted and system returns to the **Welcome** screen
- Armed LED turns **OFF**

At the end of the pre-programmed **Exit Delay**:

- "The **DISARM** screen is displayed
- The **Ready** Indicator turns **OFF**
- "**Away Armed**" is displayed in the Status Bar

NOTE: This screen will blank after 15 minutes. Tap the screen to unblank.

IF **DISARM** is selected

- A numerical keypad is displayed
- Enter you access **Access Code** in the keypad then tap "Enter"
- Returns to **Welcome** screen, The **RED Armed** indicator turns **OFF**
- Alarm status is momentarily displayed in the Status Bar then "**Ready**" is displayed.
- Green **Ready** indicator turns **ON**

<p>Bypass</p>	<p>The Bypass screen displays the Zone Number and Status</p> <p>NOTE: If an Access Code is required to bypass zones</p> <ul style="list-style-type: none"> • A numeric keypad is displayed • Enter (tap) your Access Code then tap the Enter button • The system returns to the updated Zone screen <p>UP: scrolls cursor up through the displayed zones DOWN: scrolls cursor down through the displayed zones CHANGE: toggles highlighted zone to/from bypassed condition DONE: enables changes and returns to the WELCOME screen</p>
<p>Logs screen</p>	<p>Displays Date, Time and a brief description of the event</p> <p>The Log is organized from the most recent event (Top) to past events (Down)</p> <p>UP button scrolls forward in time DOWN button scrolls back in time Done Returns you to the Welcome screen</p> <p>This screen will time out to the Welcome screen after 30 seconds of inactivity</p>

<p>Function screen</p>	<p>Allows the user to select any of four predefined functions</p> <p>NOTE: These functions must be configured by your Installer to Take effect.</p> <table data-bbox="688 418 1822 711"> <tr> <td>Function #1</td> <td>Code required Y/N</td> </tr> <tr> <td>Function #2</td> <td>Code required Y/N</td> </tr> <tr> <td>Function #3</td> <td>Code required Y/N</td> </tr> <tr> <td>Function #4</td> <td>Code required Y/N</td> </tr> </table> <p>Selecting the Back button will return you to the Main Menu screen</p>	Function #1	Code required Y/N	Function #2	Code required Y/N	Function #3	Code required Y/N	Function #4	Code required Y/N
Function #1	Code required Y/N								
Function #2	Code required Y/N								
Function #3	Code required Y/N								
Function #4	Code required Y/N								
<p>Setting screen (1) Configuration</p>	<p>Allows the User to:</p> <p>Settings - Times out to Welcome screen after 30 seconds has elapsed.</p> <p>Chime - Toggles Chime ON/OFF</p> <p>English/French - Toggles language selection</p> <p>Start Clean Mode The screen will be inoperative for a period of 10 seconds.</p> <p style="text-align: center;"><i>Repeat this operation if more time is required</i></p>								

Clean Mode	The Clean Mode allows the user to touch (i.e., clean) the screen without enabling or disabling any functions. The screen will remain in this mode for 10 seconds, then return to the 1st Configuration Menu screen
More >> Configuration Screen (2)	<p>Allows the User to:</p> <p>Adjust Display Contrast</p> <ul style="list-style-type: none"> • Tapping > icon increases contrast. • Tapping < icon decreases contrast <p>Adjust Display Brightness</p> <ul style="list-style-type: none"> • Brightness: Tapping > icon increases brightness. • Tapping < icon decreases brightness <ul style="list-style-type: none"> - Select Time/Date screen - Select User Access Codes screen - Silence Beeps (Note: Trouble Beeps can also be silenced by tapping the Welcome screen) - Save Settings (Note: Saves Contrast & Brightness settings. Screen will revert to default settings on Power-down/Power-up if these settings are not saved). - Return to Main Menu (Welcome screen)
Back	Return to Main Menu

Time/Date

This screen allows the User to Change Date and Time.

Enter:

Hour - Tap < icon to decrease value, tap > icon to increase value

Minute - Tap < icon to decrease value, tap > icon to increase value

Day - Tap < icon to decrease value, tap > icon to increase value

Month - Tap < icon to decrease value, tap > icon to increase value

Year - Tap < icon to decrease value, tap > icon to increase value

Main - Returns to **Welcome** screen (Does not save settings)

Back - Returns to previous screen (Does not save settings)

12/24 HR - Toggles between 24 Hr. time and 12 Hr. time. When 12 Hr. Time is selected AM/PM is displayed.

Save - Saves Settings - returns to **Configuration Screen 2**

NOTE: These changes will occur immediately after saving.

User Codes/Menu

This screen allows you to Enable or Disable a User, or Delete a User

Selecting **Access Codes** will display a numeric keypad

- Enter your Master Code and tap **Enter**
If the access code is correct, the **User Menu** will be displayed

UP - allows you to scroll UP through the Users

DOWN - allows you to scroll DOWN through the Users

CHANGE: - If the cursor is positioned over a disabled Access Code

- Selecting **Change** will display a numeric Keypad
- Enter a new 4 or 6-digit code then tap **ENTER**
- The screen will revert to the **User Code** screen,
- The new setting (**Enabled/Disabled**) will be displayed
- Press **DONE** to return to the **Welcome** screen

DELETE - If the cursor is positioned over an enabled Access Code

- Selecting Delete will display the following prompt
"Are you sure you wish to delete the above user?"
- **YES** - will revert to the User menu with "**Disabled**" displayed in the Access Code table.
- **NO** - will revert to the User Menu, with settings unchanged.
- **MAIN** - will exit the User menu and return to the **Welcome** screen without deleting the user.

FCC Compliance Statement

Caution: Changes or modifications not expressly approved by Digital Security Controls could void your authority to use this equipment.

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna
- Relocate the alarm control with respect to the receiver
- Move the alarm control away from the receiver
- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC helpful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock # 004-000-00345-4.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Limited Warranty

Digital Security Controls warrants that for a period of 12 months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls. Digital Security Controls neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

Warning: *Digital Security Controls recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.*

Important Information: *Changes or modifications not expressly approved by Digital Security Controls could void the user's authority to operate this equipment.*

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