



INSTALLATION AND PROGRAMMING GUIDE



8860 7-Inch Touchscreen Keypad

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GET STARTED

8860 7-Inch Touchscreen Keypads offer an easy to use touchscreen interface with an on-board camera, optional panic keys, an internal speaker, a simple terminal connection to a 4-wire keypad bus, and other features. The 8860 has enhanced Wi-Fi communications to Dealer Admin™ for video system integration and image capture when arming and disarming at the keypad. Keypads can be mounted on a flat surface with appropriate fasteners.

What's Included

- ▶ One 8860 7-Inch Touchscreen Keypad
- ▶ Hardware pack

What You'll Need

- ▶ 7/64" (2.5mm) drill bit for drywall mounting
- ▶ 1/4" (6 mm) drill bit for masonry mounting
- ▶ #2 Phillips screwdriver

Procedure

This guide walks you through the required steps needed to install an 8860 keypad. They are:

1. Update the panel firmware.
2. Program the panel.
3. Install the keypad.
4. Connect the keypad to Wi-Fi.
5. Program the keypad.
6. Train your customer.

Keypad Layout

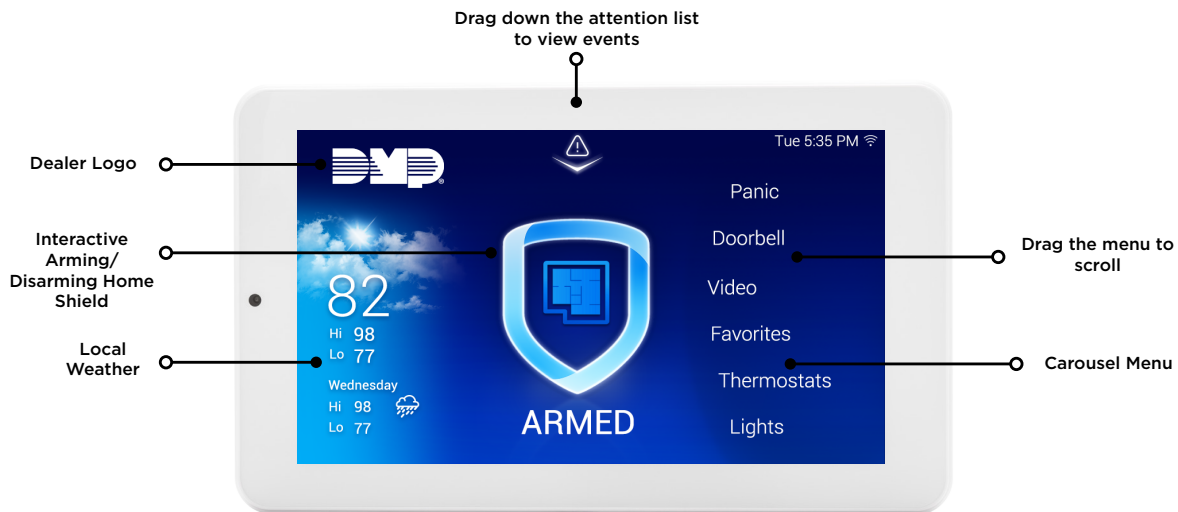


Figure 1: Keypad Layout

UPDATE THE PANEL FIRMWARE

To use the most up to date keypad features available, update your panel to the latest firmware version. Refer to the table below for keypad features and their corresponding panel firmware versions. Follow the steps below to update your panel firmware remotely from Dealer Admin.

1. Navigate to Dealer Admin.
2. Select the customer and system.
3. In the menu, click **System Remote Update**.
4. If you want to view the update details before updating, click the PDF icon next to **View Release Notes**.
5. Click **Update System**. If you go to a different page, the system will continue updating in the background.
6. After the system has updated, the **Panel Name**, **Firmware Version**, and **Date Code** will update at the top of the page.

Feature	XT/XTL Series	XR Series
<ul style="list-style-type: none">• Standard Functionality	<ul style="list-style-type: none">• Firmware Version 221 or higher• Level G Hardware or higher	<ul style="list-style-type: none">• Firmware Version 221 or higher
<ul style="list-style-type: none">• V-6000 Camera Compatibility• Voice Annunciation	<ul style="list-style-type: none">• Firmware Version 231 or higher• Level G Hardware or higher	<ul style="list-style-type: none">• Firmware Version 231 or higher
<ul style="list-style-type: none">• Bluetooth Disarming• Wi-Fi Communication	<ul style="list-style-type: none">• Firmware Version 241 or higher• Level G Hardware or higher	<ul style="list-style-type: none">• Firmware Version 231 or higher

PROGRAM THE PANEL

Before continuing with programming and setup, program the keypad in the panel as a device.

To access the Programmer menu, reset the panel by shorting the RESET header, press **Keypad** in the Carousel menu, enter **6653** (PROG), then press **CMD**.

After completing each of the following steps, press **CMD** to advance to the next option. To exit the Programmer menu, tap **CMD** to advance through the menu items until you reach the end of the menu. At the end of the menu, press the back button twice to return to the main screen. Refer to the panel programming guide as needed.

Network Options

NETWORK OPTIONS

Network Options

Advance to **Network Options**, then press a select area to enter the setup menu.

LOCAL IP ADDRESS 192.168.0.250
--

Local IP Address

Enter the local IP address for the panel. The local IP address must be unique and cannot be duplicated. The default address is **192.168.0.250**. This must match the **Panel IP Address** in keypad **Network Options**.

PORT: 2002

734N Listen Port (XR Only)

Enter the port number the panel will use to send communication to the keypad via Wi-Fi. The default port is **2002**. This must match the **Panel Port** in keypad **Network Options**.

734N PASSPHRASE -

734N Passphrase (XR Only)

Enter an 8 to 16 character passphrase for the panel to use to send communication to the keypad via Wi-Fi. The default passphrase is **blank**. This must match the **734N Passphrase** in keypad **Network Options**.

PROGRAMMING PORT 2001

Programming Port (XT/XTL Only)

Enter the port number the panel will use to send communication to the keypad via Wi-Fi. To connect one Wi-Fi keypad, leave the **Programming Port** at the default setting. If you want to connect up to three Wi-Fi keypads, set the **Programming Port** to **0**. The default port is **2001**. This must match the **Panel Port** in keypad **Network Options**.

Device Setup

DEVICE SETUP

DEVICE SETUP
DEVICE NO: -

DEVICE SETUP
UNUSED

DEVICE SETUP
TYPE: **KEYPAD**

DEVICE SETUP
COMM TYPE: **KEYPAD**

DEVICE SETUP
COMM TYPE: **NET**

NETWORK? **NO** YES

NETWORK? NO **YES**

Device Setup

Advance to **Device Setup**, then press a select area to enter the setup menu.

Device Number

Set the keypad address.

Panel Models	Available Device Numbers (Keypad Bus)	Available Device Number Range (Network Connection including Wi-Fi)
XR550	1-16	2-16
XR150	1-8	2-8
XT30/XT50	1-8	2-8
XTLplus	0	2-8
XTLtouch	0	2-8

Refer to **Network Options** in the **Program the Keypad** section for the available number of network keypads per panel model.

Device Name

Enter a name for the device.

Device Type (XR Only)

Select the **Keypad** device type.

Communication Type

XR Series Panels

For use as a standard keypad, select **Keypad**.

For use as a Wi-Fi keypad, select **NET**. To finish connecting the keypad to the panel via Wi-Fi network, refer to **Network Options** in the **Options** menu.

XT/XTL Series Panels

For use as a standard keypad, select **NO**.

For use as a Wi-Fi keypad, select **YES**. To finish connecting the keypad to the panel via Wi-Fi network, refer to **Network Options** in the **Options** menu.

INSTALL THE KEYPAD

1 Run Wire

Run wire from the power source to the keypad mounting location. See *Keypad Bus Wiring Specifications* section on page 16 for maximum wire runs.

2 Wire the Keypad

⚡ Caution: Disconnect all power before wiring. Failure to do so may result in equipment damage or injury. Observe polarity when making power connections.

Keypad Bus Connection

1. Connect the red wire to panel terminal 7.
2. Connect the yellow wire to panel terminal 8.
3. Connect the green wire to panel terminal 9.
4. Connect the black wire to panel terminal 10.

WIRE COLOR	PURPOSE
Black	Ground from Panel*
Green	Receive Data from Panel*
Yellow	Send Data from Panel*
Red	Power from Panel or Auxiliary Power Source*

*Required connections

Network (Wi-Fi) Connection

1. Plug the harness into the back of the keypad with the black wire at B and the red wire at R.
2. Connect the black wire to the power supply's negative terminal.
3. Connect the red wire to the power supply's positive terminal.
4. Plug the power supply into an unswitched outlet.
5. Refer to **Device Type** in the **Programming the Panel** section of this document for programming instructions.

📄 Note: DMP recommends performing system power calculations before installing more than one device on the keypad bus.

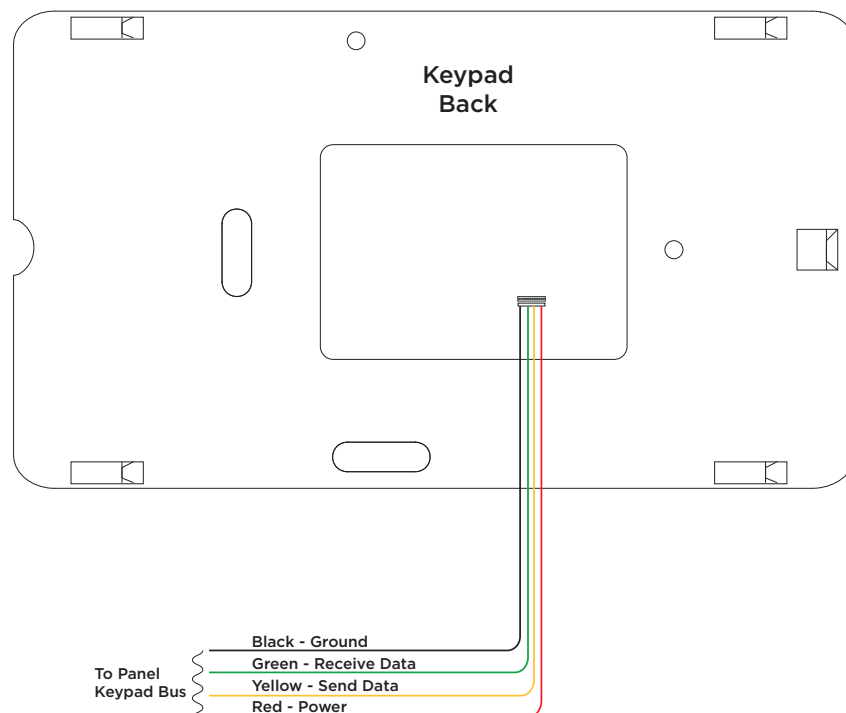


Figure 2: Keypad Wiring

3 Mount the Keypad

1. Route the keypad wires through the cutouts in the base. See Figure 1.
2. Use the keypad base to mark the holes for the screws on the mounting surface. The base should be placed at standing height and the hooks on the base should be facing up.
3. Set the base aside and drill the holes.
4. Use the included screws to secure the keypad base to the surface. Do not overtighten.
5. Attach the wire harness to the keypad.
6. Slide the keypad onto the base and press the keypad into place. The on-board camera should be on the left.



Note: Once you have mounted the keypad, remove the plastic film on the screen. Failure to do so will affect the touch functionality of the keypad.

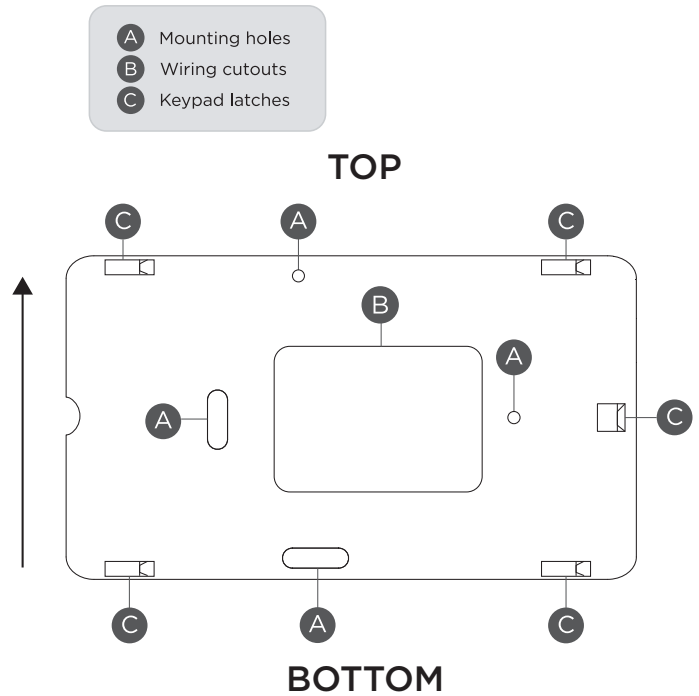


Figure 3: Mounting Hole Locations

CONNECT TO WI-FI AND UPDATE THE KEYPAD

To use the most up to date keypad features available, you will need to connect the keypad to Wi-Fi and update your keypad to the latest firmware version. This step is necessary regardless of if you have wired the keypad with a **Keypad Bus Connection** or a **Network (Wi-Fi) Connection**.

Connect the Keypad to Wi-Fi

1. Select **Options** from the Carousel menu.
2. Select **Wi-Fi Settings**.
3. Select the Wi-Fi network you would like to connect to.
4. Enter the password and select **CMD**.

Update the Keypad Locally

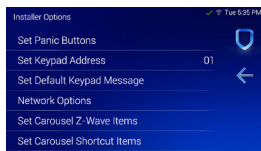
1. Connect the keypad to the Wi-Fi network before proceeding.
2. Select **Options** from the Carousel menu, then select **Installer Options**.
3. Enter **3577** and enter **CMD**. Select **Check for Updates**. Follow the on-screen prompts to complete update.

Update the Keypad Remotely

1. Connect the keypad to the Wi-Fi network before proceeding.
2. Navigate to Dealer Admin.
3. Select the user and system.
4. Next to the keypad name, select **Update**.

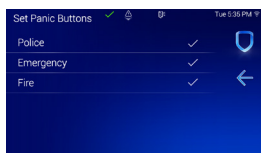
PROGRAM THE KEYPAD

To access the Keypad Installer Options menu, press **Options** in the Carousel menu. Tap the Installer Options wrench icon, enter **3577** (INST), then press **CMD**.



Installer Options

To program keypad options, press the Installer Options wrench icon and enter **3577** (INST). Press **CMD**. Select an option to configure its settings. Press the back arrow to back out of the menu.



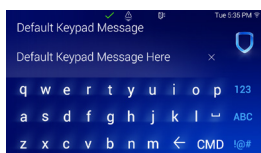
Set Panic Buttons

Use this option to enable or disable the panic keys. Select the panic buttons you would like to have displayed on the keypad. Once the panic option is enabled, a check mark displays next to the selected options.



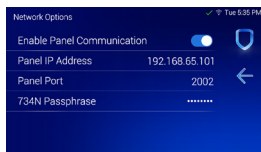
Set Keypad Address

Set the current keypad address to be the same as the panel device number. The default address is set at **01**. To change the current address, press any select area to clear the keypad display, enter the new address, and press **CMD**. It's not necessary to enter a leading zero for addresses 1 to 9.



Set Default Keypad Message

Enter a custom message of up to sixteen characters to appear at the top of the keypad display. Press any select area, enter a new message, and press **CMD**. If a message has been entered, it will display in the field until changed.



Network Options (Wi-Fi Connection Only)

To connect the keypad to the panel via Wi-Fi network, press the **Enable Panel Communication** toggle. Follow the steps below to program the Wi-Fi communication based on your panel model.

Note: XT Series Version 241 or XR Series Version 231 is required to enable **Network Options**.

XR Network Options

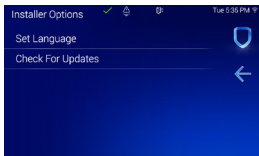
Enter the **Panel IP Address**. Program the **Panel Port** to match the **734N Listen Port** that is programmed in **Network Options** on the panel. Then, program the **734N Passphrase** to match the **734N Passphrase** that is programmed in **Network Options** on the panel.

XT/XTL Network Options

Enter the **Panel IP Address**. Then, leave the **Panel Port** and the **734N Passphrase** at their default settings if you want to connect one Wi-Fi keypad. If you want to connect up to three Wi-Fi keypads, set the **Programming Port** to **0** in **Network Options** on the panel and the **Panel Port** to **0** in **Network Options** on the keypad. If the Programming Port is not set to 0, then only one Wi-Fi keypad can be connected.

Refer to the table below for more information.

Panel Models	Panel Communication Type	Available Network Keypads (Including Wi-Fi Keypads)
XR Series	Hardwired Network	15 network keypads
XR Series	Wi-Fi Only (763 Module)	0 network keypads
XT Series XTLplus-N	Hardwired Network	7 network keypads
XT Series XTL Series	Wi-Fi Only (763 Module or onboard Wi-Fi)	1 network keypad (if Programming Port is set to any value)
XT Series XTL Series	Wi-Fi Only (763 Module or onboard Wi-Fi)	3 network keypads (if Programming Port is disabled by setting to 0)

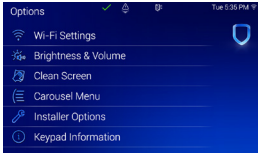


Check for Updates

The keypad has local and remote update capabilities. The keypad needs to be connected to Wi-Fi to perform a local and remote update. The remote update capabilities can be used for per device updates through Dealer Admin.

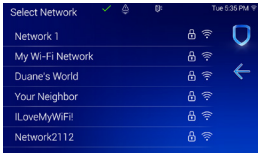
Program Keypad Options

The Keypad Options menu allows the user to view and change their keypad settings. Press **Options** in the Carousel menu. Tap the Installer Options wrench icon, enter **3577** (INST), then press **CMD**. Tap each option to configure their settings.



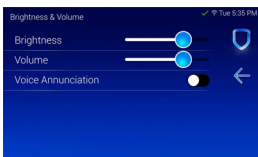
Keypad Options Menu

The keypad options menu allows the user to view and change their keypad settings. These options include Wi-Fi Settings, Brightness & Volume, Clean Screen, Carousel Menu, Installer Options, and Keypad Information.



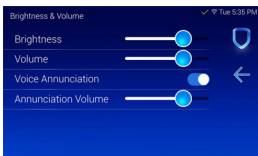
Wi-Fi Settings

The keypad needs to be connected to the Wi-Fi network to access remote updates and video features. Tap the network you want the keypad to connect to. Enter the Wi-Fi network password and press **CMD**.



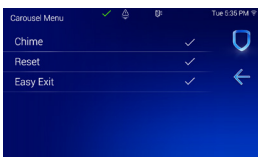
Brightness & Volume

Use the **Brightness** slider bar to make the keypad display brighter or dimmer. Use the **Volume** slider bar to increase or decrease the volume of the keypad button press sound and the keypad chime sound.



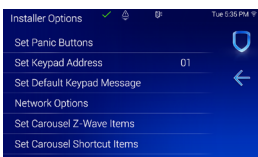
To enable Voice Annunciation, XT Series Version 231 and XR Series Version 231 is required. Use the **Voice Annunciation** toggle to have the keypad announce that a pre-defined zone name has been opened when the zone is tripped. Use the **Annunciation Volume** slider bar to increase or decrease the volume of the keypad announcement.

If a zone name does not match one of the pre-defined zone names, the keypad will announce the zone number and appropriate message. For a list of pre-defined zone names, refer to the **Pre-Defined Zone Names List**. Press the back arrow to go back to the keypad options menu.



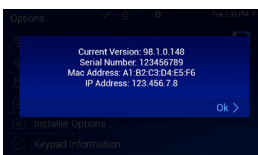
Carousel Menu

Press each option in this menu to display the option in the Carousel menu. A check mark will display next to the option if it is selected to display in the Carousel menu. The options include Chime, Reset, and Easy Exit.



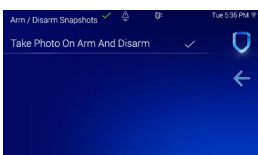
Installer Options

Select this option to open the Installer Options menu. This menu allows you set keypad options.



Keypad Information

Select this option to see the keypad model number and current firmware version. Press **Ok** to return to the previous menu.

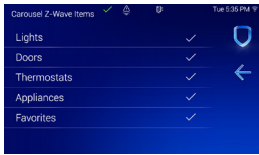


Set Arm/Disarm Snapshot

Select this option to enable or disable Snapshot Verification Events at the keypad during an Arming or Disarming event. Default is On.

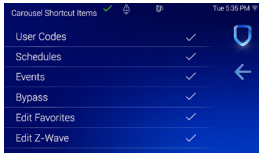
Program the Carousel Menu

The Carousel menu allows the user to pick and choose what displays within the Carousel menu on the home screen. Press **Options** in the Carousel menu. Tap the Installer Options wrench icon, enter **3577** (INST), then press **CMD**. From here, select Carousel Z-Wave Items or Carousel Shortcut Items to configure their settings.



Carousel Z-Wave Items

Carousel Z-Wave Items allows you to select the Z-Wave options to display in the Carousel menu. Press an item to select and a check mark displays. Press again to deselect that option. Items for the Carousel include Lights, Doors, Thermostats, Appliances, and Favorites. Press the back arrow to return to the previous screen. Default is no items selected.




Carousel Shortcut Items

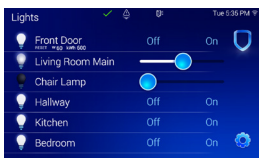
Carousel Shortcut Items allows you to select additional menu items to display in the Carousel menu. Press an item to select and a check mark displays. Press again to deselect that option. Items for the Carousel include User Codes, Schedules, Events, and Bypass. Default is no items selected. Select Edit Favorites to display the Edit Z-Wave icon on the Favorites screen. Select Edit Z-Wave to display the Edit Z-Wave icon for the Lights, Doors, Thermostats, and Appliances screens.

Program Z-Wave Devices

The Z-Wave menu allows the user to operate their Z-Wave home automation devices at the keypad. Press Z-Wave categories such as Lights, Doors, Thermostats, Appliances, and Favorites in the Carousel menu to configure their settings.

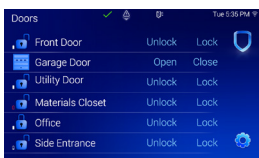
In the Carousel menu, press Favorites or select a Z-Wave device. Then, tap the Settings icon in the bottom right corner to configure device settings.

 **Note:** Z-Wave Lights, Doors, Thermostats, Appliances, and Favorites needs to be enabled in the Carousel Shortcut Items list to configure Z-Wave settings.



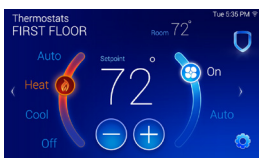
Z-Wave Lights

Z-Wave lights can be turned on and off at the keypad. Use the multilevel slider on the right side of the light to set the light at 0, 25, 50, 75, or 100. 0 is Off and 100 is On. To reset the metered switch for a light, press **RESET** underneath the light you want to reset.



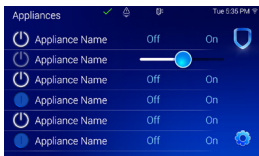
Z-Wave Doors

Z-Wave doors can be locked or unlocked at the keypad. The keypad will show the lock battery level next to the door the lock is assigned to. The garage door icon animates as it is opening or closing. Press **Open** or **Close** to activate the garage door animation.



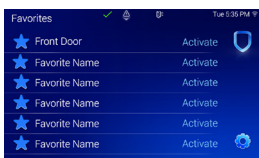
Z-Wave Thermostat

Z-Wave thermostats can be controlled at the keypad. Use the slider handles or the setpoint increase and decrease buttons to change the temperature. When there are multiple Z-Wave thermostats on a system, swipe the screen to the left to access additional thermostats.



Z-Wave Appliances

Z-Wave appliances can be turned on or off at the keypad. Use the multilevel slider on the right side of the light to set the light at 0, 25, 50, 75, or 100. 0 is **Off** and 100 is **On**.



Z-Wave Favorites

Z-Wave favorites can be assigned at the keypad. Press **Activate** next to the name of the favorite that you want to activate. The name of the favorite will change to **Activated** after the process is complete.

TRAIN YOUR CUSTOMERS

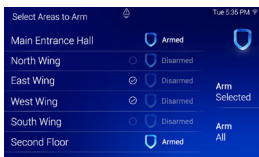
This section contains instructions on how users can access the user menu, arm and disarm their system, configure Bluetooth disarming, change the system Wi-Fi password, and clean the keypad. All of the examples displayed assume that **CLOSING CODE** is **YES** in panel programming.

For more information about using your system, refer to the appropriate system user guide.

Access the User Menu

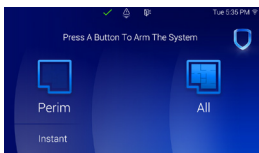
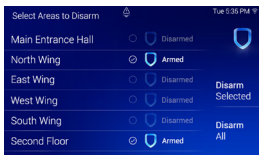
1. In the Carousel menu, select **Keypad**.
2. Tap **CMD** to advance to **MENU? NO YES**. Tap **YES**.
3. Enter your user code, then tap **CMD**.
4. Tap **CMD** to advance through the menu items. To enter a menu, tap any select area.

Arm and Disarm the System



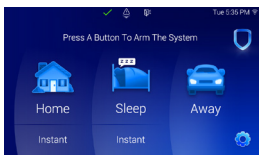
Area System Type

1. Press and release the shield to open the arming options screen. Tap your preferred option.
2. If arming, the keypad displays **ALL? NO YES**. Select **NO** to arm individual areas. Tap the area name and then select **Arm Selected** at the right of the screen. To arm all areas, select **Arm All** at the right of the screen.
3. If disarming, the keypad displays **ENTER CODE**. Enter your user code. The keypad will display **ALL? NO YES**. Select **NO** to arm individual areas. Tap the area name and then select **Disarm Selected** at the right of the screen. To disarm all areas, select **Disarm All** at the right of the screen.



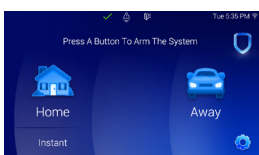
All/Perimeter System Type

1. Tap the home screen shield in the center of the keypad.
2. If arming, select **ALL** to arm all areas or **PERIM** to arm only the perimeter. If **ENTER CODE** displays, enter a user code at the keypad.
3. If disarming, enter a user code at **ENTER CODE**.



Home/Sleep/Away System Type

1. Tap the home screen shield in the center of the keypad.
2. If arming, **HOME SLEEP AWAY** displays. Select **HOME** to arm the perimeter, select **SLEEP** to arm everything except the bedroom areas, or select **AWAY** to arm all areas. If a selection is not made, all areas will automatically arm **AWAY**.
3. If **ENTER CODE** displays, enter a user code at the keypad.



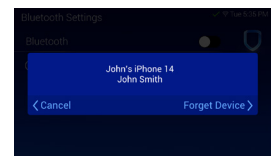
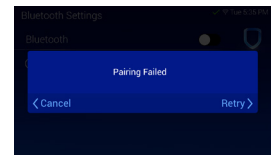
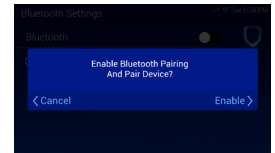
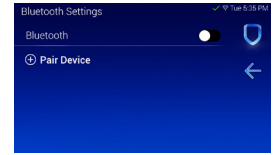
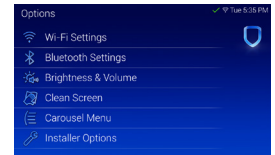
Home/Away System Type


1. Tap the home screen shield in the center of the keypad.
2. If arming, **HOME AWAY** displays. Select **HOME** to arm the perimeter or select **AWAY** to arm all areas. If a selection is not made, all areas will automatically arm **AWAY**.
3. If **ENTER CODE** displays, enter a user code at the keypad.

Bluetooth Disarming


A device can be paired to the keypad to automatically disarm the system via Bluetooth. The system needs to be armed in **ALL** or **AWAY**. When the user returns and trips an exit zone, the entry delay will initiate and the keypad will begin scanning for Bluetooth devices. If the keypad discovers a previously paired device and connects to it, the system will disarm.

1. In **Options**, press **Bluetooth Settings**.
2. Enter your **User Code**. Only Master level user codes can access the Bluetooth Settings menu.
3. Press the Bluetooth toggle to enable the keypad's Bluetooth capability.
4. Press **+ Pair Device**.
5. Select a user from the list and select the device you would like to attach the user to.
6. Press **Pair** in the bottom right corner.
7. The keypad pop-up will display **Pairing**. This will last for 20 seconds or less.
 - ▶ If devices were paired, the keypad will display **Pairing Success**. When the **Enable Bluetooth Pairing and Pair Device** pop-up displays, press **Enable**. This will bring you back to the Bluetooth Settings menu. The name of the device will be listed under **Paired Devices**.
 - ▶ If devices were not paired, the keypad will display **Pairing Failed**. Press **Retry** to pair the devices again. Press **Cancel** to go back to the Bluetooth Settings menu.
8. To unpair a device, press the Information icon next to the device name. The keypad will display **Forget Device?**. Press **Forget** to unpair the device from the keypad. Press **Cancel** to go back to the Bluetooth Settings menu.



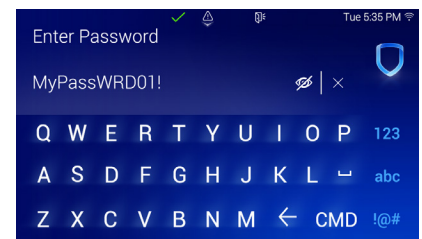
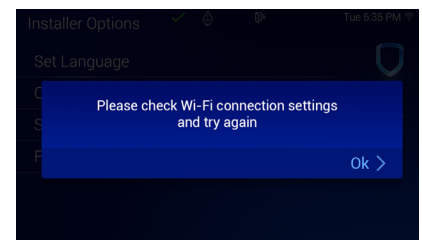
 **Note:** Up to 6 devices can be paired to the keypad. This feature is a per keypad operation. To use Bluetooth disarming at multiple keypads on a system, you will need to individually pair the device at each keypad you want to automatically disarm.

Change System Wi-Fi Password

When you change your network's Wi-Fi password, the system detects that the password has changed and asks you to update it. To close the **Incorrect Wi-Fi Password** dialog and return to the main menu, tap **Ok** and tap the  Shield icon.

To change your password and re-establish communication, complete the following steps.

1. Tap **Ok**.
2. Use the on screen keyboard to enter your password:
 - ▶ Press **ABC** to enter uppercase letters
 - ▶ Press **abc** to enter lowercase letters
 - ▶ Press **!@#** to enter special characters
 - ▶ Press **123** to enter numbers
3. Tap **CMD**.



 **Note:** This notification refers to the panel Wi-Fi network only. The 8860 Wi-Fi settings can be found in **Options**.


Clean the Keypad

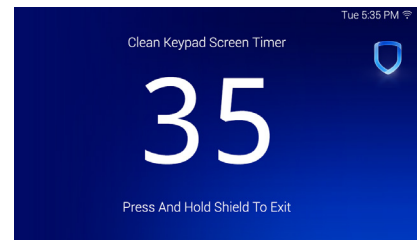
Failure to follow cleaning recommendations may result in equipment damage.


The Clean Screen option locks the screen for 40 seconds so you can clean it without accidentally pressing buttons.

Use gentle pressure to clean the display, screen, keys, and housing. Use only alcohol sprays or wipes that contain 70% isopropyl alcohol to clean keypad surfaces.

Avoid spraying cleaner directly onto the keypad, oversaturating cleaning cloths, or allowing cleaner to make contact with internal electronic components, cables, or power sources.

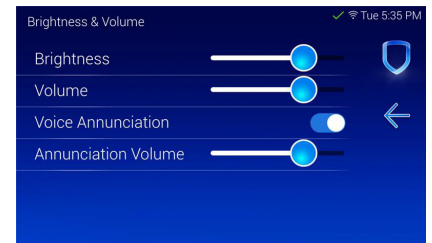
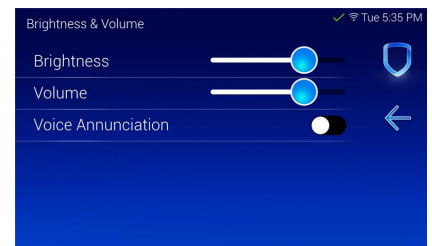
1. In the Carousel menu, tap **Options**.
2. Tap  Clean Screen.
3. Use an alcohol wipe or spray a small amount of rubbing alcohol onto a clean, dry microfiber cloth to gently wipe down all keypad touch surfaces, removing any excess cleaner.
4. Wait 10 seconds, then completely dry all keypad surfaces.
5. If necessary, use a clean, dry microfiber cloth to gently remove streaking.



After the countdown timer expires, the keypad returns to normal operation. To exit the countdown early, press and hold the  Shield icon for 2 seconds.

Enable Voice Annunciation

To enable the keypad to annunciate that the pre-defined zone name has been opened when the zone is tripped, use the toggle and adjust the annunciation volume with the slider in the **Brightness and Volume** settings menu.



Pre-Defined Zone Name List

If a zone name does not match one of the pre-defined names, the keypad will announce the zone number and appropriate message. Ensure all zone names are spelled correctly and have proper spacing in between words. 24-Hour and Day zone types will not support this feature.


DOOR	DOOR CONTINUED	MOTION	MISCELLANEOUS
BACK DOOR	SOUTH DOOR	BACK MOTION	CASH SAFE
BACK ENTRY DOOR	STORAGE DOOR	BACK DOOR MOTION	DRIVEWAY BEAM
BASEMENT DOOR	STOCKROOM DOOR	BACK HALL MOTION	FRONT ENTRY
BREAKROOM DOOR	STOCK ROOM DOOR	BASEMENT MOTION	FRONT GLASSBREAK
BREEZEWAY DOOR	SUNROOM DOOR	BREAK ROOM MOTION	GARAGE ENTRY
DEN DOOR	VAULT DOOR	BREEZEWAY MOTION	GLASS BREAK
EAST DOOR	WAREHOUSE DOOR	DEN MOTION	KITCHEN
EMPLOYEE DOOR	WEST DOOR	DINING MOTION	LOW TEMPERATURE
ENTRY DOOR	WINDOW	EAST MOTION	MAIN ENTRY
ENTRY DOORS	BASEMENT WINDOW	ENTRY MOTION	MASTER BEDROOM
FRONT ENTRY DOOR	BATHROOM WINDOW	FAMILY MOTION	NIGHT DROP
FRONT DOOR	BREAKROOM WINDOW	FOYER MOTION	OFFICE GLASS
FRONT DOORS	BREEZEWAY WINDOW	FRONT MOTION	ROOF HATCH
FRONT LEFT DOOR	DINING WINDOW	FRONT 360 MOTION	SAFE
FRONT RIGHT DOOR	DINING WINDOWS	GARAGE MOTION	SPARE
GARAGE DOOR	FRONT WINDOWS	HALL MOTION	UTILITY ROOM
GARAGE MAN DOOR	GARAGE WINDOW	HALLWAY MOTION	VAULT
GARAGE SIDE DOOR	GARAGE WINDOWS	KITCHEN MOTION	VAULT SOUND
KITCHEN DOOR	KITCHEN WINDOW	LIVING MOTION	WALL BUTTON
KITCHEN SLIDER	KITCHEN WINDOWS	LOBBY MOTION	WATER DETECTOR
LAUNDRY DOOR	LAUNDRY WINDOW	MASTER MOTION	
LIVING ROOM DOOR	MASTER WINDOWS	MOTION	
LOBBY DOOR	OFFICE WINDOW	MOTION DETECTOR	
MASTER BED DOOR	OFFICE WINDOWS	NORTH MOTION	
MAIN ENTRY DOOR	SHOP WINDOW	OFFICE MOTION	
MASTER DOOR		PANEL MOTION	
NORTH DOOR		REAR MOTION	
OFFICE DOOR		REAR HALL MOTION	
OVERHEAD DOOR		RECEPTION MOTION	
PATIO DOOR		SAFE MOTION	
REAR ENTRY DOOR		SHED MOTION	
REAR DOOR		SHOP MOTION	
SAFE DOOR		SOUTH MOTION	
SHED DOOR		STORAGE MOTION	
SHIPPING DOOR		TELLER MOTION	
SHOP DOOR		UPSTAIRS MOTION	
SIDE DOOR		VAULT MOTION	
SIDE ENTRY DOOR		WAREHOUSE MOTION	
SLIDING DOOR		WEST MOTION	
		2ND FLOOR MOTION	

WI-FI ENABLED VIDEO FEATURES

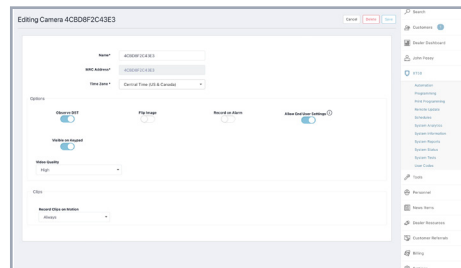
This section explains how to use the different video features available on the 8860 Series keypad when it is connected to a Wi-Fi network. Video clips will be saved in Virtual Keypad and not stored locally on the keypad.

Live View

This function allows you to see all system cameras added in Dealer Admin.

 **Note:** In Dealer Admin, the **Visible on Keypad** option needs to be toggled **On** for each camera to be added to the Camera List.

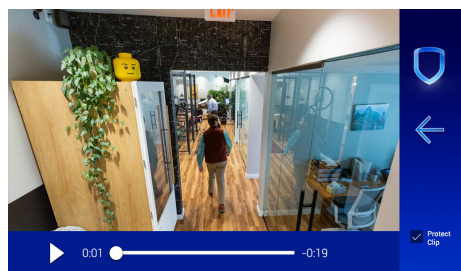
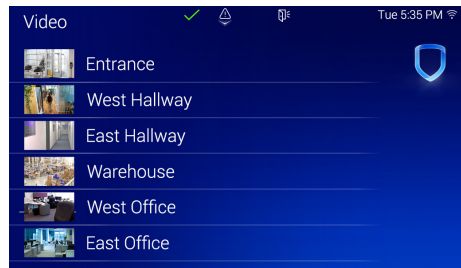
1. In the Carousel menu, tap **Video**.
2. Select a camera to display on the keypad.
3. Swipe the screen left to go to the next camera. Swipe the screen right to go to the previous camera. Pinch to zoom.



Recorded View

This function allows you to access recorded video events through the events list on the keypad.

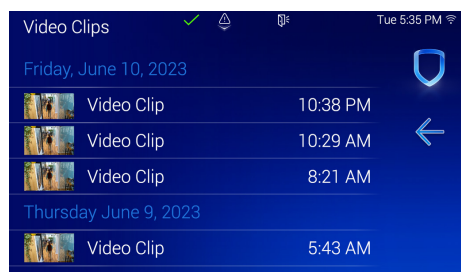
1. In the Carousel menu, tap **Video**.
2. Select a camera to display on the keypad.
3. Press the Video Clips button in the bottom right corner of the keypad screen.
4. Toggle the play/pause button to play or pause the clip. Press the speaker button and drag the bar up and down to increase or decrease the volume.
5. Swipe the screen left to go to the next clip. Swipe the screen right to go to the previous clip. Pinch to zoom.
6. Press **Protect Clip** in the bottom right corner of the keypad screen to prevent the clip from being erased.



Recorded Clips

This function allows you to access recorded video events through the events list on the keypad.

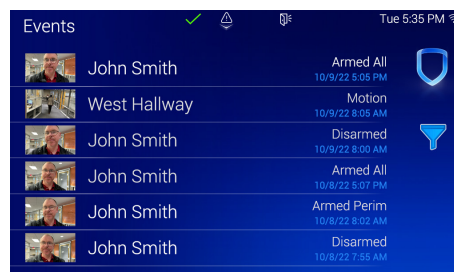
1. In the Carousel menu, tap **Events**.
2. Tap a row to select an event.
3. Swipe the screen left to go to the next event. Swipe the screen right to go to the previous event. Pinch to zoom.




Snapshot Verification Events

This function allows you to see a snapshot from the keypad front facing camera during an arming or disarming event. You can view snapshot events in **Events** on the keypad or through **Event History** on Virtual Keypad.

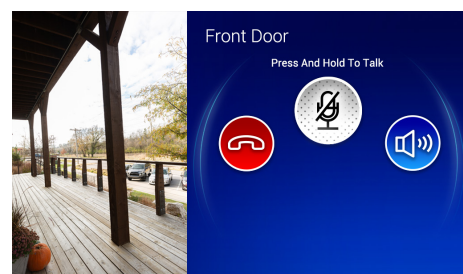
1. In the Carousel menu, tap **Events**.
2. Tap a row to select an event.
3. Swipe the screen left to go to the next event. Swipe the screen right to go to the previous event. Tap the Info icon to display the **Event Information Banner**.
4. Tap the Filter icon to display the **Filter Events** menu. Use the **Filter By** section on the left side of the screen to change how the events are categorized. The categories include Type, Camera, Users, Dates, and Areas. Tap **Apply** to activate the filter in the Events List.
5. After a filter is activated in the Events List, a horizontally scrollable banner will display the applied filters. To remove an individual filter, press the **X** on each filter.



Connect the Video Doorbell

 **Note:** The 8860 supports one doorbell per system. Video doorbell capabilities are only available for the DMP Model V-4061DB Video Doorbell.

1. In the Carousel menu, tap **Video Doorbell**.
2. Press and hold the Talk button to talk through the keypad. Tap the Speaker button to mute and unmute the incoming audio. Tap the End button to end the video feed and go back to the Home Screen.



Upload a Logo and Dealer Information

To upload a logo to your 8860, complete the following steps in Dealer Admin.



Note: For best results, logos should be a 270 x 110 pixel PNG file with a transparent background.

1. In the menu, go to **Settings > Dealer**.
2. Select the **8860 Private Label Settings** tab.
3. Select the **Upload** button.
4. A file upload dialog opens. Select the logo that you want to upload and select **Open**.
5. Type in the dealer information you want to display on the keypad.
6. Select **Save Contact Info**.



Note: If the logo is not downloading to the keypad, confirm that the panel date and time are correct, then press the DMP logo on the 8860 keypad. This will trigger the keypad to reach out to Dealer Admin for the new logo.

Account Web & App Logos **8860 Private Label Settings** Monitoring Center Video Verification Email Campaigns Admin Settings

Preview

Your Logo Here Tue 5:35 PM

82
Hi 98
Lo 77
Wednesday
Hi 98
Lo 77

DISARMED

Panic
Doorbell
Video
Favorites
Thermostats
Lights

Your Logo Here Tue 5:35 PM

Custom Message (Account #, etc)
1234 North Street
Anywhere, USA 12345
(123)456-7890
website.com
Social Media

Upload
Drag and drop a PNG file here or click to browse.
(Logo must be a 270x110.png file suitable for a dark background.)

Line 1 1234 North Street
Line 2 Anywhere, USA 12345
Line 3 (123)456-7890
Line 4 website.com
Line 5 Social Media
Line 6 45 characters max

Save Contact Info

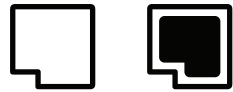
Icons

Arming Shield Icons

Armed



Home Sleep Away



Perimeter All System

Alarm



Burglary Fire

Quick Arm



Ready To Exit

Exit Timer



Enter Code Arm Instant

Popups



Attention List Alert

Menu



Home Installer Navigation Edit Clean Screen

Arming Options



Home Sleep Away Perimeter All System

Panic Options



Police Emergency Fire

Z-Wave



Lights Appliances Doors Garage Door Favorites

Z-Wave Thermostats



Auto Heat Cool Off Fan Room Temp

Controls



Decrease Increase

Video



Video

Status Bar Header



System Ready Attention List Armed (Area) Home Sleep Away Perimeter All System



Chime Battery Trouble AC Trouble Wi-Fi

REFERENCE

Keypad Bus Wiring Specifications

- ▶ DMP recommends using 18 or 22-gauge unshielded wire for all keypad and AX-Bus/LX-Bus circuits. Do not use twisted pair or shielded wire for AX-Bus/LX-Bus and Keypad Bus data circuits. All 22-gauge wire be connected to a power-limited circuit and jacket wrapped.
- ▶ When powering an 8860 from the keypad bus, to maintain auxiliary power integrity when using 22-gauge wire do not exceed 100 ft. When using 18-gauge wire do not exceed 500 ft. To increase the wire length or to add devices, install an additional power supply that is listed for Fire Protective Signaling, power limited, and regulated (12/24 VDC nominal) with battery backup.



Note: Each panel allows a specific number of supervised keypads.

- ▶ Maximum distance for any one bus circuit (length of wire) is 2,500 ft regardless of the wire gauge. This distance can be in the form of one long wire run or multiple branches with all wiring totaling no more than 2,500 ft. As wire distance from the panel increases, DC voltage on the wire decreases. Maximum number of AX-Bus/LX-Bus devices per 2,500 ft circuit is 40.
- ▶ Maximum voltage drop between the panel (or auxiliary power supply) and any device is 2 VDC. If the voltage at any device is less than the required level, add an auxiliary power supply at the end of the circuit. When voltage is too low, the devices cannot operate properly.

For additional information refer to the panel's Installation Guide.

Compatibility

- ▶ XT Series Panels with Version 221 or higher and Level G Hardware or higher
- ▶ XR Series Panels with Version 221 or higher
- ▶ V-4000, V-5000, and V-6000 Series Cameras

Ordering Information

8860-B	8860 7-Inch Touchscreen Keypad (Black)
8860-W	8860 7-Inch Touchscreen Keypad (White)
300-8860-4	Replacement 4-Wire Harness (Keypad Bus Connection)
300-8860-PWR-B	Replacement Power Harness (Wi-Fi Connection, Black)
300-8860-PWR-W	Replacement Power Harness (Wi-Fi Connection, White)

SPECIFICATIONS

Operating Voltage	12 VDC
Current Draw	300 mA at 12 VDC
Current Load in Alarm	350 mA at 12 VDC
Dimensions	7.67" W x 4.57" H x 0.55" D
Display Size	7" (1024 x 600)

CERTIFICATIONS

- ▶ FCC Part 15 Registration ID: 2AUCA8860
- ▶ NDAA Compliant

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made by the user and not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Designed, engineered, and
manufactured in Springfield, MO
using U.S. and global components.

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