

Dell Rugged Control Center

Version 4.2.1 User's Guide



Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

Contents

Chapter 1: Introduction to Dell Rugged Control Center	4
Chapter 2: What is new in Dell Rugged Control Center 4.2.1?	5
Chapter 3: Accessing Dashboard	6
Chapter 4: Accessing Program	8
Chapter 5: Accessing Feature List	9
Chapter 6: Accessing Settings	10
Barcode Settings	10
Download and install Dell Scanner Module Driver	11
Download and install Dell Scanner Module with USB Driver	11
Set up Dell Scanner Module with USB using POS and Serial Mode	12
Configure Barcode Scanner	12
Use Barcode Scanner	13
Troubleshooting the External Barcode Scanner	18
Chapter 7: Customizing Programmable Buttons and Edge Menu	19
Customize Programmable Buttons	19
Add Application	19
Add a URL	20
Add Keyboard Macro	20
Customize Programmable Buttons from Feature List	20
Customize Edge Menu	22
Customize Edge Menu from Feature List	23
Chapter 8: How to Program Buttons in BIOS	24
Chapter 9: Policy Generation and Distribution	25
Generating Policy	25
Download Policy	25
Distributing Policy	25
Accessing Policy	26
Download Rugged Control Center	27
Install Dell Rugged Control Center	27
Chapter 10: Contacting Dell	28

Introduction to Dell Rugged Control Center

Dell Rugged Control Center brings mission-critical tasks to the forefront of your rugged device, making them easily accessible. Some of the tasks include configuring programmable buttons and edge menus, operating the barcode scanner, enabling and disabling your WiFi and Bluetooth services, and so on.

Using Dell Rugged Control Center, you can also configure a range of settings on your rugged device such as application settings, keyboard backlight, night mode, stealth mode, GPS configuration, and antenna switch.

Dell Rugged Control Center is preinstalled on Latitude Rugged, and Latitude Rugged Extreme Notebooks and Tablets. To launch the application, open the Windows Start menu, and search for Dell Rugged Control Center.

Dell Rugged Control Center consists of five main parts—Dashboard, Program, Feature List, Settings, and Policy.


What is new in Dell Rugged Control Center 4.2.1?

The following are the new features, and updates to the existing features in this release:


- The **Launch at Startup** and **Start Application on Minimized State** options in application settings are set to false by default after you install the application.
- The barcode scanner feature is configured to the short press of P3 as default for the platforms that support programmable buttons.
- Supports Dell Scanner Module with USB Serial and POS or HID mode communication interface.

Accessing Dashboard

Use the **DASHBOARD** section to configure hardware and software controls to access key rugged device features and view system information.

You can view different types of information about your system through the dashboard. Information about the batteries that are connected to your system, time remaining to fully discharge your battery, details about your system and BIOS, and information about the hardware features available on your rugged device. To view the detail information about each section click .

To go to the next tabs in Dashboard, use  and .

You can also customize the programmable buttons and edge menus from the Dashboard section. To program a button, or to assign a feature in the edge menu, click . For more information, see [Customize Programmable buttons](#) and [Customize Edge Menu](#).

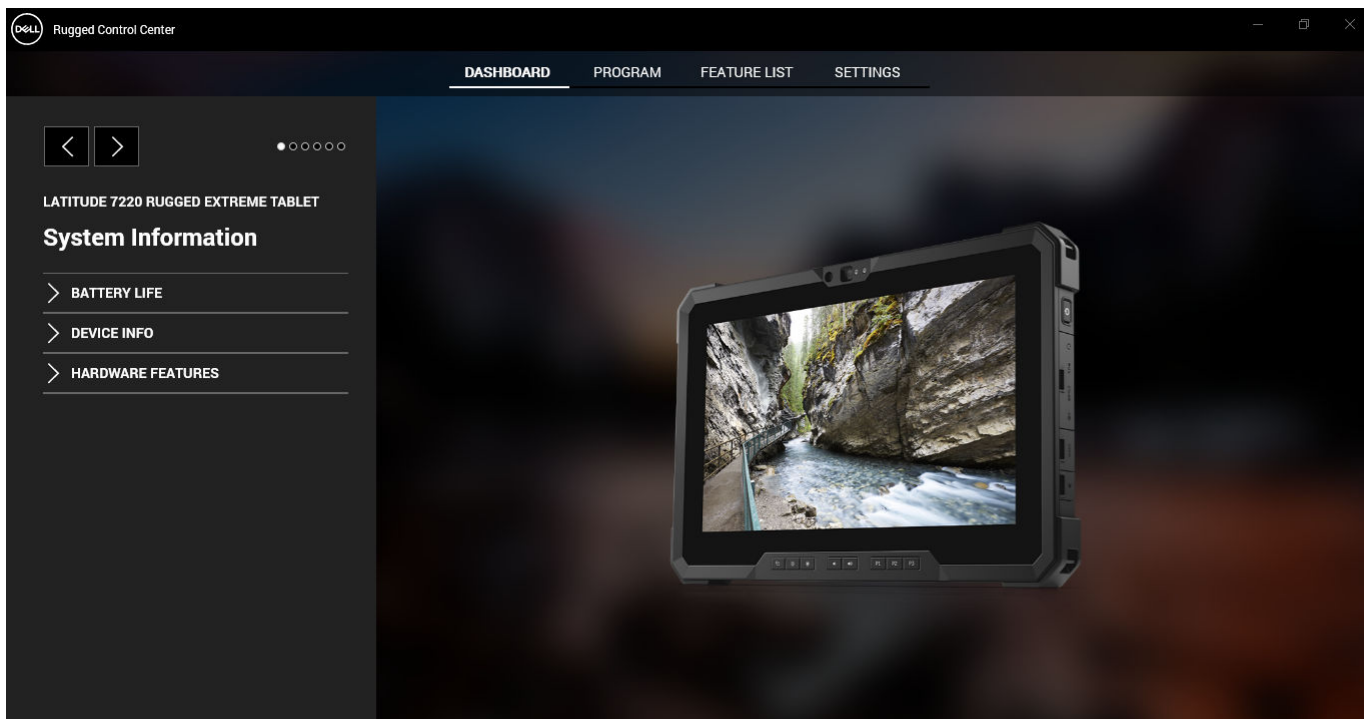


Figure 1. Dashboard



Figure 2. Programable Buttons

Accessing Program

Use the **PROGRAM** section to customize the programmable buttons and edge menus to access various tools, applications, modes, GPS, and so on. You can also configure the GPS. After customization, you can view the options that you have selected in the respective sections.

NOTE: Ensure that you install U-blox driver on your system for GPS to function.

In the Program section, you can view the following:

- Programmable Buttons
- Left Edge Menu
- Right Edge Menu
- Top Edge Menu
- Bottom Edge Menu
- GPS

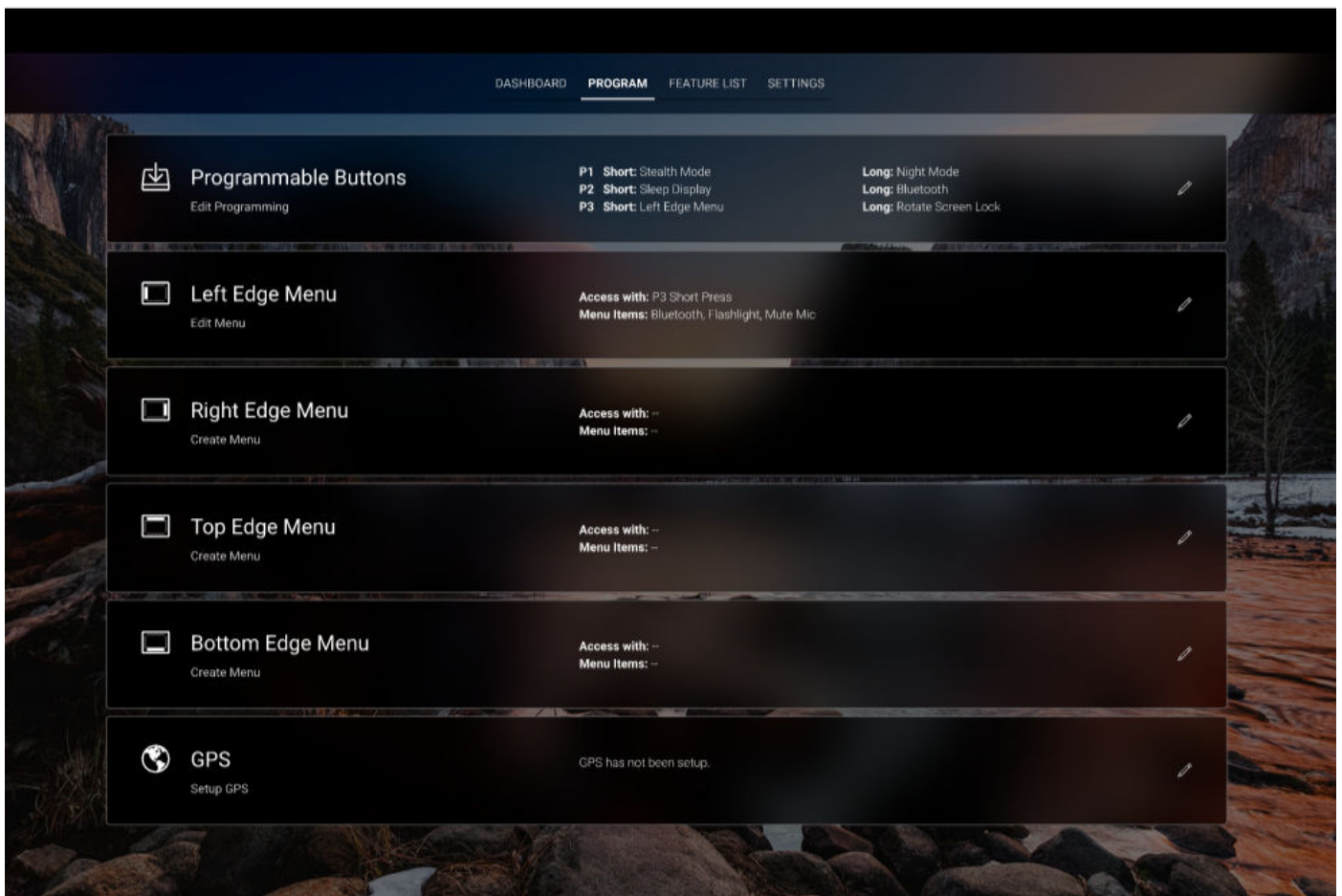


Figure 3. Program

Accessing Feature List

Use the **FEATURE LIST** section to enable or disable any feature and to program your rugged device. You can use the toggle button to change the status, launch button to open the feature, and apply button to make changes.

You can customize the programmable buttons and edge menus from the feature list section. You can also add applications, links, keyboard macros, and assign it to the programmable buttons or edge menus.

For more information about customizing the programmable buttons and edge menus, see [Customize Programmable Buttons from Feature List section](#) and [Customize Edge Menu from Feature list section](#).

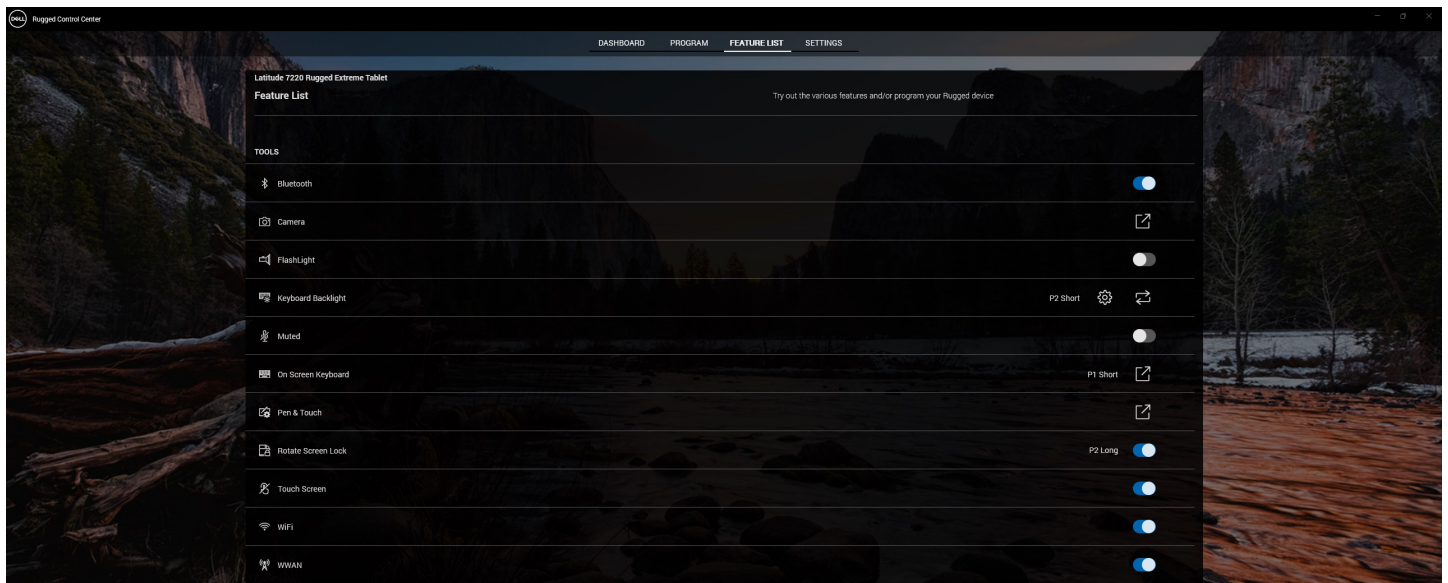


Figure 4. Feature List

Accessing Settings

Use the **SETTINGS** section to configure the settings of this application on your rugged device. This includes managing the keyboard backlight and enabling or disabling the stealth and night mode. In the Settings section, you can view the following:

- **Application Settings**—This setting allows you to manage your application preferences. You can enable or disable the software launch at system startup, start the application on minimized state, customize the edge menu size, and select the edge menu trigger time. You can also enable or disable the telemetry capture option in this section.
- **Keyboard Backlight**—This setting allows you to set the keyboard backlight settings including backlight timeout when on battery power and keyboard intensity from this window of the Dashboard.
- **Night Mode**—This setting allows you to create special settings for your monitor and backlight for better visibility in low light conditions.
- **Stealth Mode**—This setting allows you to determine which system functions are disabled when you activate Stealth Mode. Stealth Mode allows you to turn off the display, the LED lights, wireless, radios, and so on, with a single key combination.
- **Antenna Switch**—This setting allows you to determine the antenna usage when attached to a docking station. This setting is applicable only for Latitude tablets.
- **Barcode Settings**—This setting allows you to select the barcode scanner operating mode. For more information, see [Barcode Settings](#).

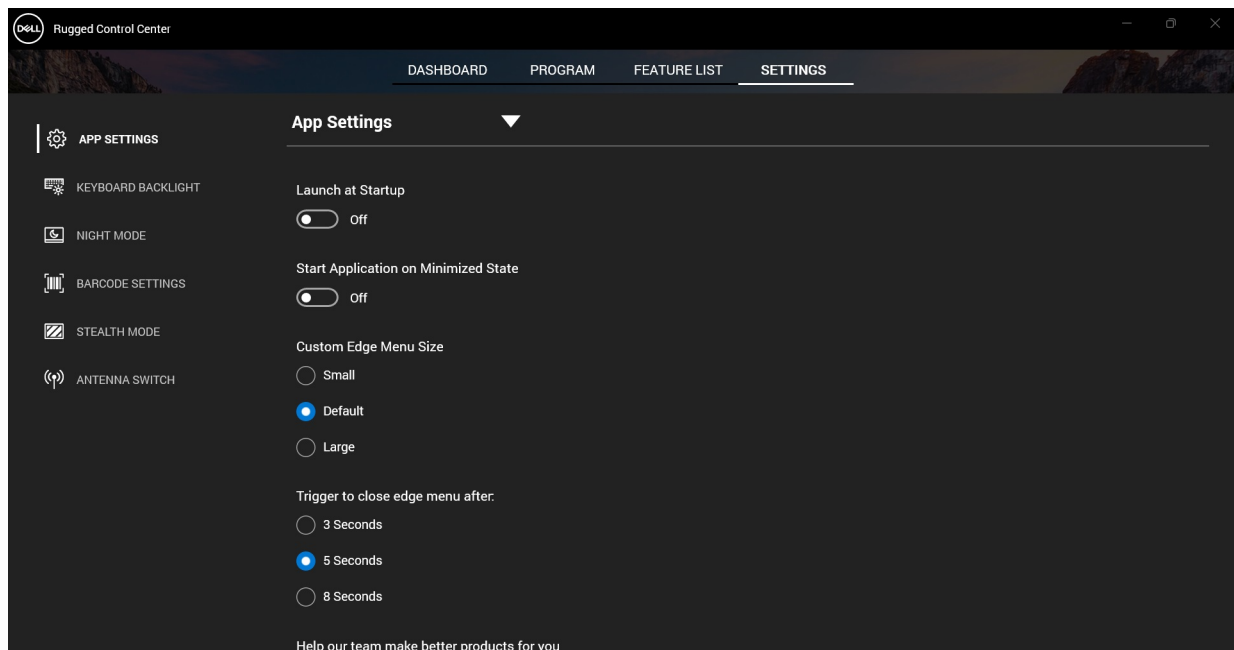


Figure 5. Settings

Topics:

- [Barcode Settings](#)

Barcode Settings

You can use the barcode settings feature to capture and read information that is contained in a barcode. In Rugged Control Center, you can connect an external scanner to your system, or use the camera-based scanner to scan the barcode.

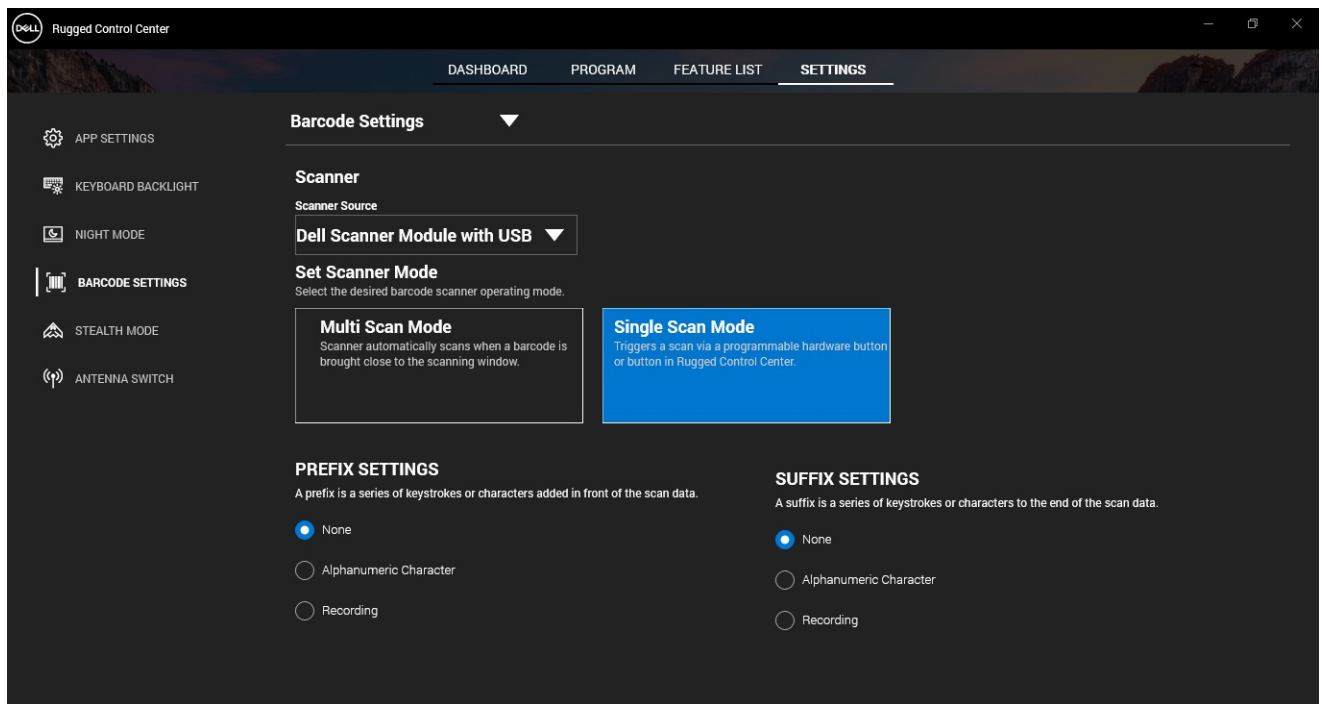


Figure 6. Scanner

Download and install Dell Scanner Module Driver

Prerequisites

- Ensure that your operating system is updated to the latest version.
- Ensure that you do not attach the scanner module to your system before installing the driver.
- Download and install the Dell Rugged Control Center application from www.dell.com. For more information, see [Download Rugged Control Center](#).

Steps

1. To download the **Dell Barcode and Magnetic Stripe Reader Module** driver, go to www.dell.com/support.
2. In the **Enter a Service Tag, Serial Number, Service Request, Model, or Keyword** search box, type the product name. For example: Latitude 7220 Rugged Extreme Tablet.
A list of matching products is displayed.
3. Select your product from the list.
4. Click **DRIVERS & DOWNLOADS**.
5. Download the **Dell Barcode and Magnetic Stripe Reader Module** driver.
6. Double-click the downloaded file to start the installation wizard.
7. Follow the on-screen instructions to complete the installation process.
The **Dell Barcode and Magnetic Stripe Reader Module** driver is installed.
8. Connect the scanner module to your system.

Download and install Dell Scanner Module with USB Driver

Prerequisites

To install the **Dell Scanner Module with USB** driver, ensure that Rugged Control Center is updated to version 4.2 or later, and the scanner module is connected to the back of the rugged tablet.

Steps

1. To download the **Dell Scanner Module with USB** driver, go to www.dell.com/support.

2. In the **Enter a Service Tag, Serial Number, Service Request, Model, or Keyword** search box, type the product name.
For example: Latitude 7220 Rugged Extreme Tablet.
A list of matching products is displayed.
3. Select your product from the list.
4. Click **DRIVERS & DOWNLOADS**.
5. Download the **Dell Scanner Module with USB** driver.
6. Double-click the downloaded file to start the installation wizard.
7. Follow the on-screen instructions to complete the installation process.
The **Dell Scanner Module with USB** driver is installed.

Set up Dell Scanner Module with USB using POS and Serial Mode

Dell scanner module with USB driver supports Serial Mode Communication and Point of sale or Human Interface Device (POS or HID) mode interface communication with Rugged control center application. The Serial mode requires a driver that must be installed in your system. However, POS mode works as a plug and play device. As POS mode communication is slower than the Serial mode, Dell Technologies recommends using serial mode communication to set up Dell Scanner Module with USB.

Prerequisites

Ensure that you restart Rugged Control Center, if it is running in your system after connecting the scanner or changing the communication mode.

About this task

To setup the scanner, do the following:

Steps

1. By default, the scanner is set to the serial mode.



NOTE: If the scanner is not set to the serial mode, scan the barcode



after installing the driver.

2. In your system, go to **Device Manager** and expand the **Ports** section.
3. Search for **HoneyWell Gen7DB(COM xx)**.
4. Right-click **HoneyWell Gen7DB(COM xx)** and select **Properties**.
5. In the **Properties** window, go to **Power Management** and clear the **Allow the computer to turn off this device to save power** checkbox.
6. Click **OK** and close **Device Manager**.



To set up the scanner using POS or HID mode communication, scan the barcode

Configure Barcode Scanner

Steps

1. Restart your system, and launch Dell Rugged Control Center.
2. Go to **Settings > Barcode Settings**.
3. Go to **Scanner** and select one of the following **Scanner Source** from the drop-down menu:
 - **Dell Scanner Module**—Uses the scanner with magnetic stripe reader that is connected to your system.
 - **Dell Scanner Module with USB**—Uses the scanner with USB ports that is connected to your system.
 - **Rear Camera**—Uses the system rear camera, if applicable.
 - **Front Camera**—Uses the system front camera.
4. Select one of following scanner modes:



NOTE: To view the supported symbologies of Dell Scanner Module, Dell Scanner Module with USB and camera-based scanners, see [Supported symbologies](#). You can also view the symbologies in the **Settings** section.



- **Multi Scan Mode**—Scans the barcode continuously one after another.
 - **Single Scan Mode**—Scans only one barcode at a time and disconnects.
5. Select one of the following options in the prefix and suffix settings:
 - **None**—Displays the scanned data without any settings.
 - **Alphanumeric Character**—Specify an alphanumeric character to add with the scanned data.
 - **Recording**—Record any key or key combination to add along with the scanned data. For example, Record `Enter` in the suffix settings to capture the scanned data as inline.

Results

The barcode scanner is configured and displayed in the **Feature List** section.

Use Barcode Scanner

Steps

1. To use the barcode scanner, do one of the following:
 - Go to **FEATURE LIST > Barcode**, and click .
 - Go to **Programmable Buttons** or **Edge Menus**, and select **Barcode Scanner**.
The **Barcode Scanner** is launched.
2. Open any input source such as Notepad, Excel, Word, and so on to capture the barcode.
 **NOTE:** Ensure that the cursor is positioned in the input source.
3. Place the barcode in front of the scanner.
The barcode is captured in the input source.

Supported Symbolologies

 **NOTE:** The supported symbolologies can vary depending on your system.

Table 1. Supported Symbolologies

Symbolologies		Dell Rugged tablet Scanner Module	Dell Barcode Scanner Module with USB	Camera based Scanner
1D	UPC (UPC-A/UPC-E)	Yes	Yes	Yes
	EAN (EAN-8/EAN-13)	Yes	Yes	Yes
	Code 39	Yes	Yes	Yes
	Code 128	Yes	Yes	Yes
	Code 11	Yes	Yes	No
	Code 93	Yes	Yes	No
	MIS Plessey/UK Plessey	Yes	Yes	No
	ITF	Yes	Yes	No
	Codabar/Telepen	Yes	Yes	No
	GS1 Databar (Omnidirectional/stacked)	Yes	Yes	Yes
	Interleaved 2 of 5	Yes	Yes	Yes
2D	QR Code	Yes	Yes	Yes
	Micro QR	Yes	Yes	No
	Datamatrix	Yes	Yes	No
	PDF417	Yes	Yes	No

Table 1. Supported Symbologies (continued)

Symbologies		Dell Rugged tablet Scanner Module	Dell Barcode Scanner Module with USB	Camera based Scanner
	Micro PDF417	Yes	Yes	No
	Composite Codes	Yes	Yes	No
	TLC-39	Yes	Yes	No
	Aztec	Yes	Yes	No
	Postal Codes	Yes	Yes	No
	Maxicode	Yes	Yes	No
	Han Xin	Yes	Yes	No
	Grid Matrix	Yes	Yes	No
	DotCode	Yes	Yes	No
	OCR	Yes	Yes	No
	Digimarc	Yes	Yes	No
	Media	Yes	Yes	No

For more information on the supported symbology, see [Supported Symbology for camera-based scanner](#) and [Supported Symbology for external scanners](#).

Supported Symbologies for Camera Scanner

NOTE: The supported symbologies can vary depending on your system.

Table 2. Symbologies









Symbology	Barcode
Code 39	 *12345678*
Code 128	 1234567890
Databar Omnidirectional	 (01)12345678901231

Table 2. Symbolologies (continued)

Symbology	Barcode
Databar Stacked	
EAN-8	 1234 5670
EAN-13	 1 234567 890128
Interleaved 2 of 5	 12345678901234
UPC-A	 0 12345 67890 5
UPC-E	 0 123456 5
QR Code	

Supported Symbolologies for External Scanners

Dell Scanner Module and Dell Scanner Module with USB supports the following symbolologies:

Table 3. Symbolologies

Symbology	Variants
1D Symbolologies	
Code 39	Standard
	Full ASCII
	Code 32 / Italian Pharmacode
	Trioptic
Code 128	Standard
	EAN-128
	ISBT-128
Codabar	Standard
	Ames
Code 11	Standard
	Matrix 2 of 5
	Chinese Matrix2 of 5
UPC/EAN	UPCA (W/WO supplemental)
	UPCE (W/WO supplemental)
	UPCE1 (W/WO supplemental)
	EAN-8 (W/WO supplemental)
	EAN-13 (W/WO supplemental)
	JAN-8 (W/WO supplemental)
	JAN-13 (W/WO supplemental)
	Bookland/ISBN
	ISSN
	Coupon Code
2 of 5	Interleaved 2 of 5
	Discrete 2 of 5
	IATA
Databar	Omnidirectional
	Limited
	Expanded
	Databar Coupon
Code 93	N/A
MSI	N/A
UK Plessey	N/A
Telepen	N/A
2D Symbolologies	
Postal Codes	Australia Post
	Japan Postal

Table 3. Symbologies (continued)

Symbology	Variants
	Canada Postal
	Netherlands KIX Code
	US Planet
	USPS 4CB/OneCode/Intelligent Mail
	UPU FICS Postal
	Mailmark
	French Lottery
	Posti4S
	Korean 3 of 5
PDF	Standard
	Macro PDF
Micro PDF	Standard
	Macro Micro PDF
1D + 2D Symbologies	
Composite	CC-A
	CC-B
	CC-C
TLC-39	N/A
Matrix Symbologies	
Aztec	Standard
	Aztec Rune
Data Matrix	ECC 000-140
	ECC 200
	GS1 Data Matrix
QR	Standard
	Micro QR
	GS1 QR
Maxicode	N/A
Han Xin	N/A
Grid Matrix	N/A
DotCode	N/A
OCR Symbologies	
OCR	OCRA
	OCRB (Incl Passport, TravelDoc and Visa)
	MICR
	US CurrencySerial Number
Watermark Symbologies	

Table 3. Symbolologies (continued)

Symbology	Variants
Digimarc	N/A

Troubleshooting the External Barcode Scanner

About this task

After configuration, if the barcode scanner is not displayed in the **Settings** section, perform the following:

Steps

1. Download and install any external scanner such as 123Scan Utility.
2. Open the scanner and wait for the drivers to update.
3. After the drivers are updated, go to the **Data view** tab and select the required scanner. The detailed information about the scanner is displayed.
4. To check if your scanner is working, click the **Flash/Beep scanner**. You can hear a beep sound from the scanner.
5. Go to **Rugged Control Center**, and check for the barcode scanner in the **Settings** section.

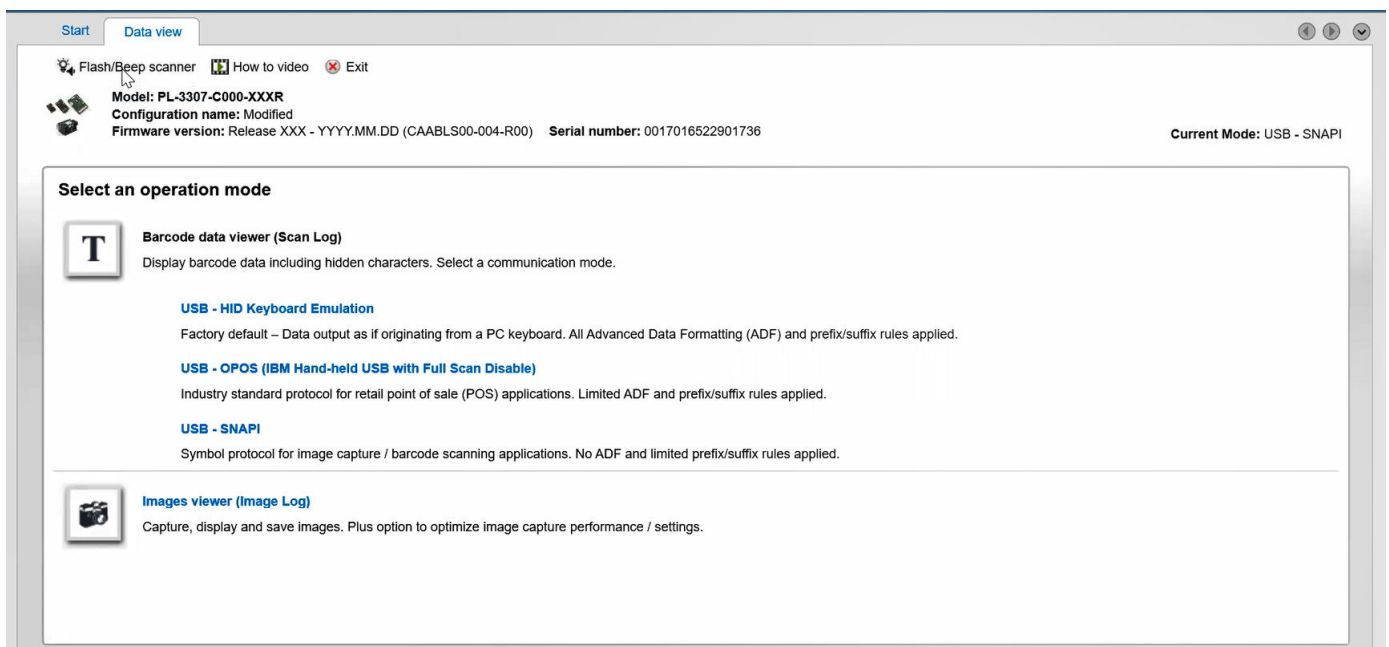


Figure 7. Data View

Customizing Programmable Buttons and Edge Menu


You can customize the programmable buttons and edge menus from the **DASHBOARD** section, **PROGRAM** section, or from the **FEATURE LIST** section.

Topics:

- [Customize Programmable Buttons](#)
- [Customize Programmable Buttons from Feature List](#)
- [Customize Edge Menu](#)
- [Customize Edge Menu from Feature List](#)

Customize Programmable Buttons



About this task

 **NOTE:** Programmable buttons are only supported on Dell rugged tablets.

You can customize the programmable buttons in various ways. The programmable buttons support two types of touch: short press, and long press. Each button can be configured to perform up to two different tasks depending on the type of touch used.


To customize a programmable button:

Steps


1. Launch Dell Rugged Control Center.
2. Do one of the following:
 - Go to **DASHBOARD** section and click .
 - Go to **PROGRAM > Programmable Buttons**, and click .

The programmable buttons customization section is displayed.
3. Do one of the following:
 - Go to **P1 Button**, click the **Short Press** drop-down menu, and select the required option.
 - Go to the **Feature List** section, and drag and drop the required option to the programmable button section.
4. Click **SAVE**.

The menu item for short press is selected.



 **NOTE:** The programmable button does not work on the selected configuration until you click **SAVE**.

Follow the above steps to configure the long press touch on a programmable button.

 **NOTE:** By default, Barcode Scanner is assigned to the short press of P3 button.

Add Application



Steps



1. Launch Dell Rugged Control Center.
 2. Go to **PROGRAM**, select the **Programmable Buttons** section, and click .
 3. Go to the **FEATURE LIST** section, select the application, and click .
- A drop-down menu with the programmable button options is displayed.

4. Select the required option and click **SAVE**.
The application is added to the programmable button.
 **NOTE:** If the application is not listed, click **ADD APP**, select the required application, and click **Open**.

Add a URL



Steps



1. Launch Dell Rugged Control Center.
2. Go to **PROGRAM**, select the **Programmable Buttons** section, and click .
3. Go to the **FEATURE LIST** section, select the link, and click .
A drop-down menu with the programmable button options is displayed.
4. Select the required option and click **SAVE**.
The link is added to the programmable buttons.

 **NOTE:** If you want to add any external link, click **ADD LINK**, enter the URL, and click .

Add Keyboard Macro


Steps


1. Launch Dell Rugged Control Center.
2. Go to **PROGRAM**, select the **Programmable Buttons** section, and click .
3. Go to the **FEATURE LIST** section, select the keyboard macro, and click .
A drop-down menu with the programmable button options is displayed.
4. Select the required option and click **SAVE**.
The keyboard macro is added to the programmable buttons.

If the keyboard macro is not listed, do the following:
5. Click **ADD KEYBOARD MACRO**.
The **Create Keyboard Macro** dialog box is displayed.
6. Click , capture the keyboard combination and click **Stop**.
7. Enter the keyboard macro name and click .

Customize Programmable Buttons from Feature List

Steps

1. Launch Dell Rugged Control Center.
2. Go to the **FEATURE LIST** section, select the feature that you want to add in the programmable button, and click .
The list of programmable buttons with the short press and long press options is displayed.
3. Select the required programmable button option.

 **NOTE:** You can also select the same feature for multiple programmable buttons.

See the below table for the available feature list, and their corresponding actions.


 **NOTE:** Available features depend on the model of your rugged device.

Table 4. Feature List

Category	Feature Name	Description
Tools	Bluetooth	This feature allows you to switch the Bluetooth on or off.

Table 4. Feature List (continued)

Category	Feature Name	Description
	Camera	This feature allows you to start the camera.
	Flashlight	This feature allows you to switch the flash light on or off.
	Keyboard backlight	This feature allows you to switch the keyboard backlight on or off.
	Muted	This feature allows you to mute or unmute the mic.
	On-screen Keyboard	This feature allows you to launch the on-screen keyboard.
	Pen & Touch	This feature allows you to open the pen and touch settings.
	Rotate screen lock	This feature allows you to switch the screen rotation on or off.
	Wireless	This feature allows you to turn the wireless on or off.
	WWAN	This feature allows you to turn the WWAN on or off.
	Disable touch screen	This feature allows you to enable or disable touch screen.
Modes	Airplane Mode	This feature allows you to switch the airplane mode to on or off.
	Night Mode	This feature allows you to switch the night mode to on or off.
	Stealth Mode	This feature allows you to switch the stealth mode on or off.
Application	Touch Sensitivity Manager	This feature allows you to launch the Touch Sensitivity Manager application. This application helps the touch panel to communicate with the firmware of the system. Touch Sensitivity Manager allows you to switch between the Rugged specific touch modes.
	Scratch pad	This feature allows you to open the scratch pad.
	Barcode	This feature allows you to trigger the barcode scanner.
	Rugged control center app	This feature allows you to launch the Rugged control center application.
	ADD APP	This feature allows you to add an application.
	Snip and Sketch	This feature allows you to capture and annotate screen shots.
WINDOWS	Battery Power Settings	This feature allows you to open the battery settings.
	Open Control Panel	This feature allows you to open the control panel.

Table 4. Feature List (continued)


Category	Feature Name	Description
	Lock screen	This feature allows you to lock the screen.
	Project screen	This feature allows you to turn the project screen on or off.
	Open Tablet PC Settings	This feature allows you to open the tablet personal computer settings.
	Rotate Display	This feature allows you to rotate the display of your rugged system.
Edge Menus	Left menu	This feature allows you to launch the left edge menu.
	Right menu	This feature allows you to launch the right edge menu.
	Top menu	This feature allows you to launch the top edge menu.
	Bottom menu	This feature allows you to launch the bottom edge menu.
LINKS	ADD LINK	This feature allows you to add a link.
KEYBOARD MACROS	ADD KEYBOARD MACROS	This feature allows you to add a keyboard macro.

Customize Edge Menu

About this task



You can create and customize edge menus to access the features on your rugged device. You can access the edge menus from the programmable buttons or from keyboard shortcuts. Each edge menu can be configured to perform up to five different tasks. These menus can be categorized as:

- Left edge menu
- Right edge menu
- Top edge menu
- Bottom edge menu

 **NOTE:** The Edge Menus are currently not available in the Windows Tablet Mode.

To customize an edge menu:

Steps



1. Launch Dell Rugged Control Center.
2. Do one of the following:
 - Go to the **DASHBOARD** section and click .
 - Go to **PROGRAM --> Left Edge Menu**, and click .

The **Build your custom menu** page is displayed.
3. Do one of the following:
 - Go to the **Feature List** section, and drag and drop the required feature to the edge menu section.
 - Go to the **Left Menu** section, click **Add Menu Items**, and select the required feature from the drop-down menu.
4. Do one of the following:
 - Go to the **Select menu trigger** section, and select the programmable button to access the left menu.
 - Enter a keyboard shortcut to access the edge menus.
5. Click **SAVE**.

The menu item for left edge menu is selected.

Customize Edge Menu from Feature List

Steps

1. Launch Dell Rugged Control Center.
2. Go to the **FEATURE LIST** section, select the required feature that you want to add in the edge menu, and click . The list of edge menu options is displayed.
3. Select the edge menu that you want to customize. The menu item for the edge menu is selected.
 **NOTE:** You can also select the same feature for multiple edge menu options, and each edge menu can configure up to five features.

How to Program Buttons in BIOS

About this task

If Rugged Control Center is not installed in your system, you can customize the programmable buttons in BIOS.

NOTE: This feature will be available from BIOS version 1.12.0.

To customize a programmable button:

Steps

1. Restart your system and press F2 to go to the BIOS **Settings**.
2. In the BIOS **Settings** section, go to **System Configuration** and click **Programmable Buttons**. The programmable buttons customization section is displayed.
3. Select **Configure by BIOS**, and perform the following:
 - a. Go to the P1, P2, and P3 action buttons and select the required options that are listed in the description box.
 - b. Click **Apply** to save the configuration.
 - c. Click **Exit** to close the BIOS **Settings** window. Your system restarts with the selected configuration.

NOTE: By default, **Configure by RCC** is selected if Rugged Control Center is running in your system.

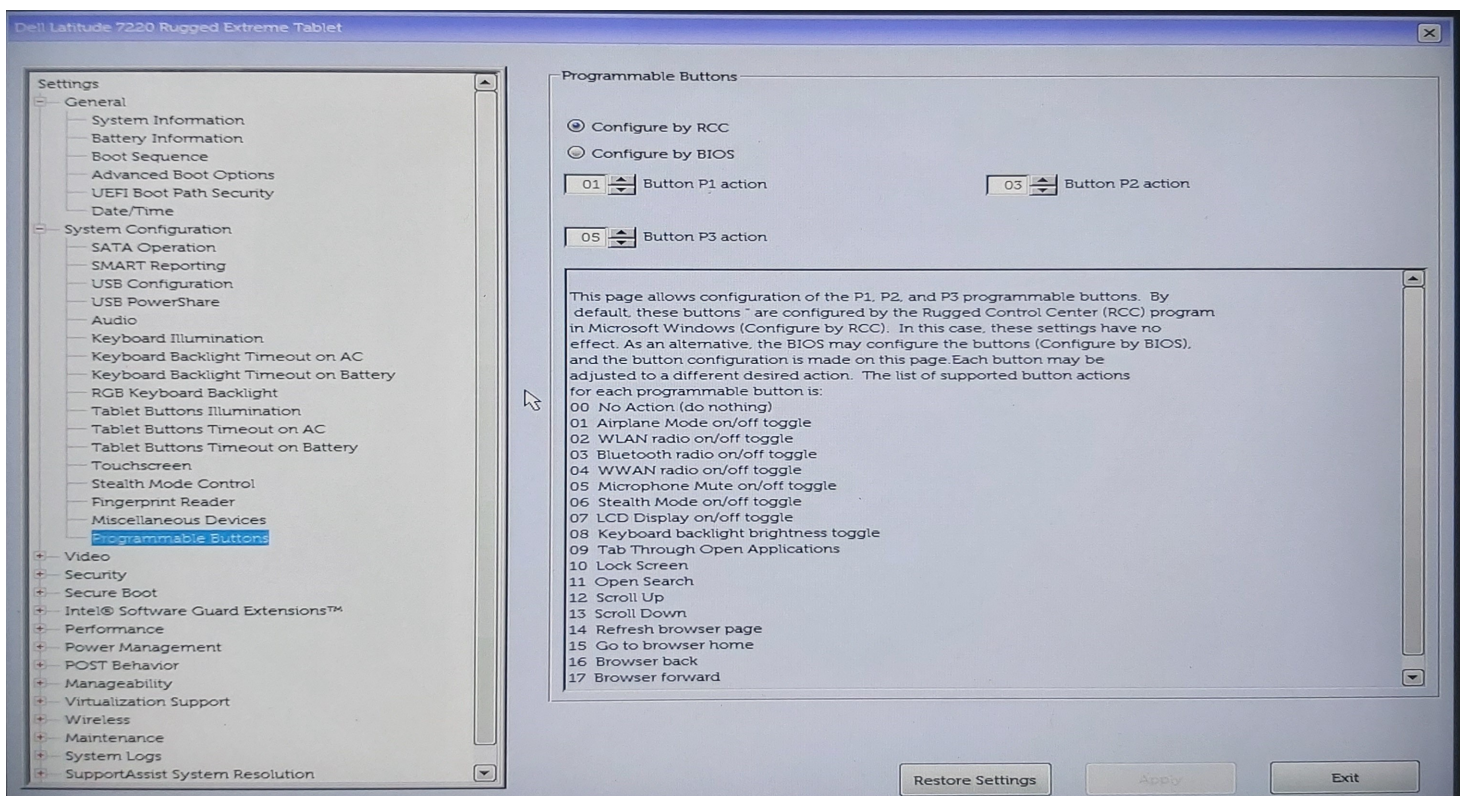


Figure 8. BIOS

To configure the programmable buttons from Rugged Control Center, go to **App Settings** and enable the **Give Rugged Control Center control of button programming** toggle button.

Policy Generation and Distribution

This chapter provides details about the administrative features of Dell Rugged Control Center. Admin is a default user profile that is created for the user who is a member of the administrator group. When you log in to Dell Rugged Control Center as an administrator, you can customize or lock certain notable extended features such as Programmable Buttons and Edge Menus.


Topics:


- [Generating Policy](#)
- [Download Policy](#)
- [Distributing Policy](#)
- [Accessing Policy](#)
- [Download Rugged Control Center](#)
- [Install Dell Rugged Control Center](#)

Generating Policy

Steps

1. Launch Dell Rugged Control Center in **Policy** mode.
2. Open **Command Prompt**.
3. Enter `start dellrcc:policy` at the command line.

 **NOTE:** This feature is disabled when the administrator closes the application.

 **NOTE:** A policy can be generated in any user mode. However, an administrator can distribute the policy to clients.

Using the **Policy** section, a system administrator can enable or disable an individual user's access to certain configuration settings. An administrator can also control or customize any setting in the **Policy** section, and the user cannot change it.

After customization, if the user can edit the setting, then the customized setting is not imported from the policy and the user can change it as required.

Download Policy

About this task

To download the policy, ensure that you are in the policy mode.

Steps

1. Go to **Policy** section and click **Download Policy**.
The policy is downloaded in %userprofile%\Downloads\Dell Rugged Control Center\RCCPolicySettingsProfile.json file.
2. Open the file, copy the content, and paste it into the policy inside the Rugged Control Center template.
To impose the policy on client machines that do not belong to a domain, copy the RCCPolicySettingsProfile.json file to each directory of the client machine—%program files%\dell\Rugged Control Center.

Distributing Policy

About this task

To install the group policy object template, do the following:

Steps

1. Run the `RccGpo.msi` installer file.

By default, the installer is installed to `%programfiles%\Dell\Rugged Control Center\gpo`.

You can move this template to `%systemroot%\policydefinitions` (local machine) or `%systemroot%\sysvol\domain\policies\PolicyDefinitions(domain controller)` based on your requirement.

2. Open the downloaded policy .json file from `%userprofile%\Downloads\Dell Rugged Control Center\RCCPolicySettingsProfile.json`.
3. Copy the content and paste it into the policy inside the Rugged Control Center template (inside the GPO editor).
4. To impose the policy on client machines that do not belong to any domain, or select to use GPO policies, copy the `RCCPolicySettingsProfile.json` file to the directory of each client machine. The default directory location of the client machine is `%program files%\dell\Rugged Control Center`.

Accessing Policy


About this task

As an IT administrator, you can use Dell Rugged Control Center to program your rugged device and create presets for the Programmable Buttons and Edge Menus.

You can also customize and lock the following features in the **POLICY** section:

- Programmable Buttons
- Program Edge Menu
- App Settings
- Keyboard Backlight
- Night Mode
- Stealth Mode
- Barcode Settings
- GPS
- Disable Client Rotate Button

Once the feature is locked, the user cannot change it.

 **NOTE:** The **POLICY** section is disabled under normal operation of the Dell Rugged Control Center. The administrator must launch the application with the `policy` parameter to enable the **POLICY** section. For more information, see [Enabling Policy](#).

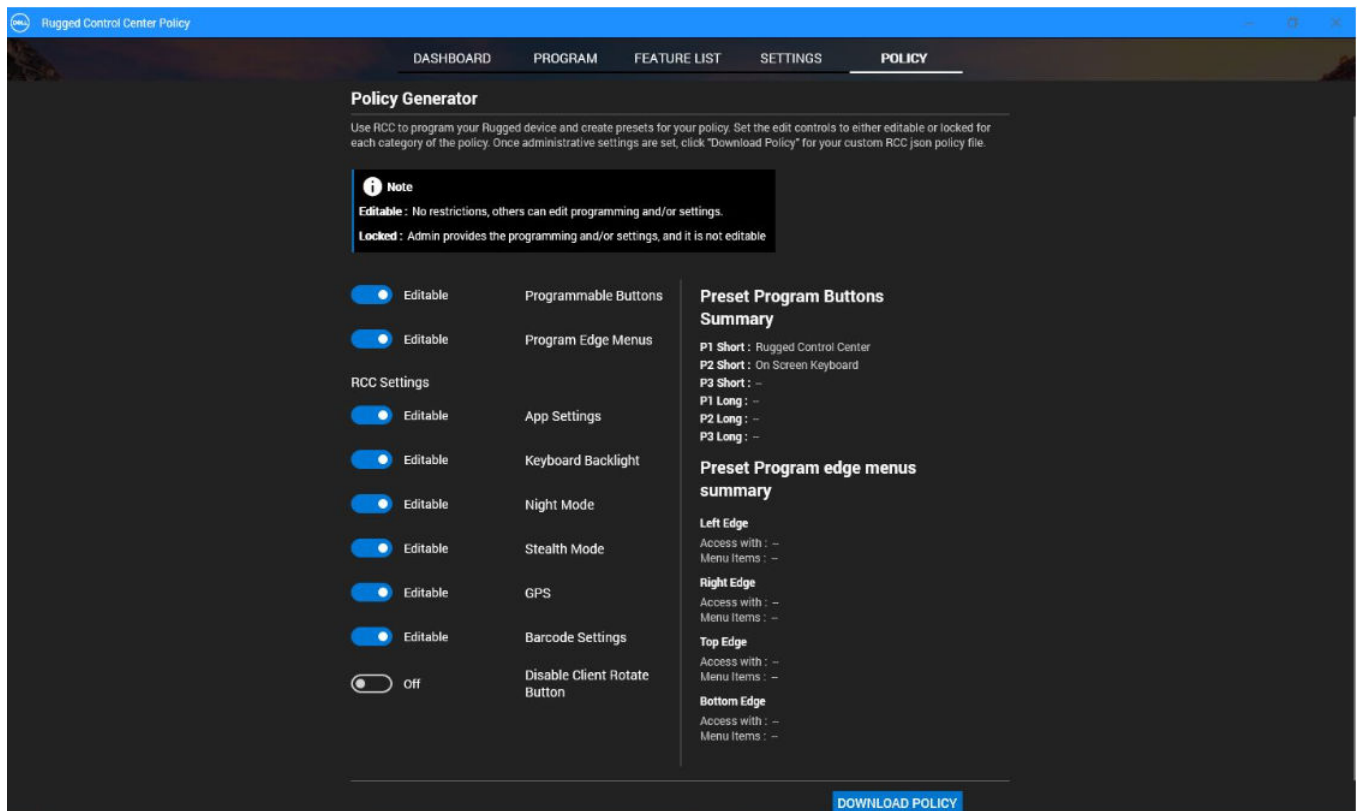


Figure 9. Policy Generator

Download Rugged Control Center

Steps

1. Go to www.dell.com/support.
2. Enter the model number in the Keyword field and click Search.
For example: Latitude 7220 Rugged Extreme Tablet.
3. Click **DRIVERS & DOWNLOADS**.
4. Download the latest version of Dell Rugged Control Center.

Install Dell Rugged Control Center

About this task


Dell Rugged Control Center is preinstalled on all supported systems. To install the software if you have uninstalled it, but want to use it at a later point, use these steps:

Steps

1. Double-click the .msi installer file.
The **Setup Wizard** screen is displayed.
2. Click **Next**.
3. Click **Install**.
4. Click **Yes** to provide administrator rights, and begin the installation process.
5. Once the installation process is completed, click **Finish**.
The Dell Rugged Control Center icon is saved to the desktop, and the software is available in the **Start** menu.

Contacting Dell

About this task

 **NOTE:** If you do not have an active Internet connection, you can find contact information from your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country/region or region and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

Steps

1. Go to www.dell.com/support.
2. Select your support category.
3. Verify your country/region or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4. Select the appropriate service or support link that is based on your need.