



# **BRCconfiguration Tool Guide**

## Definitions of Notes

We use the following symbols and conventions throughout this User's Guide:

	The tips icon indicates helpful hints and supplementary information.
<b>Bold</b>	Bold style identifies buttons on the machine's control panel or computer screen.
<i>Italics</i>	Italicized style emphasizes an important point or refers you to a related topic.

## Copyright

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## Important Note

Some functions may not be available depending on the model.

The screens or images in this User's Guide are for illustration purposes only and may differ from those of the actual products.

The contents of this document and the specifications of this product are subject to change without notice.

DO NOT start this application while printing via USB. The device search and other functions may not work correctly.

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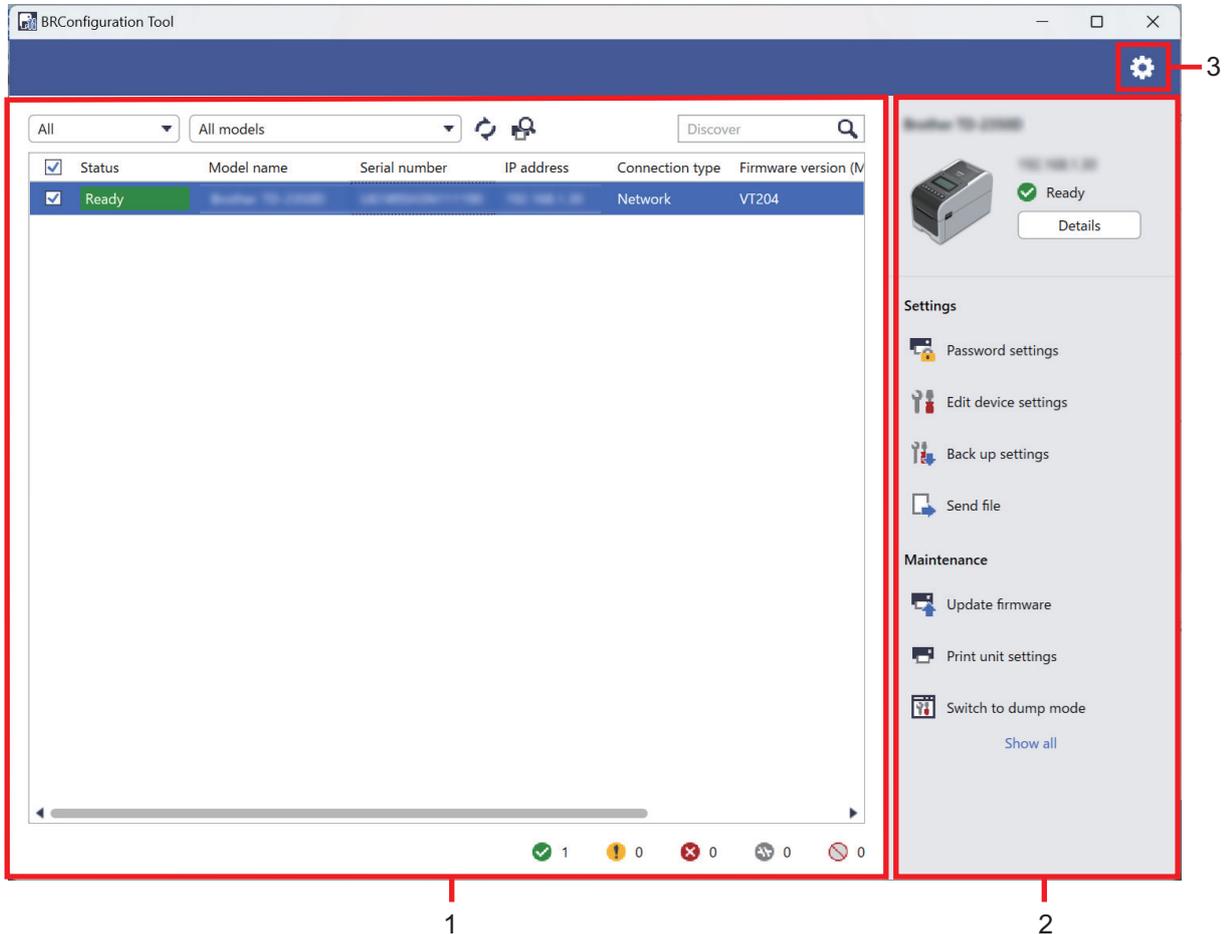
## Introduction

- [Overview](#)
- [System Requirements](#)

## Overview

BRConfiguration Tool is an application designed to assist in the initial setup and troubleshooting of Brother devices.

### Home Screen



#### 1. Device List

The device list displays a list of connected devices, device status, model name, serial number, IP address, interface, and firmware version for each device. The device list has filtering and search functions.

To complete required tasks, select one or more devices from the device list, and then select the settings or maintenance options you want from the right pane.

#### 2. Right Pane

The right pane displays the selected device information, and the setting and maintenance function options. The maintenance function options are normally only partially visible. Use the **Show all** and **Show less** buttons to switch between the collapsed and expanded view.

#### 3. Application Settings

Click  in the top right corner of the screen to change the application settings.

### ✓ Related Information

- [Introduction](#)

#### Related Topics:

- [Perform Actions](#)

## System Requirements

Operating Systems	Windows 10 version 1903 or later (32-bit and 64-bit) Windows 11 Windows Server 2016 Windows Server 2019 Windows Server 2022
Additional Software	.NET Framework 4.8 or 4.8.1



### Related Information

- [Introduction](#)

## Discover Devices

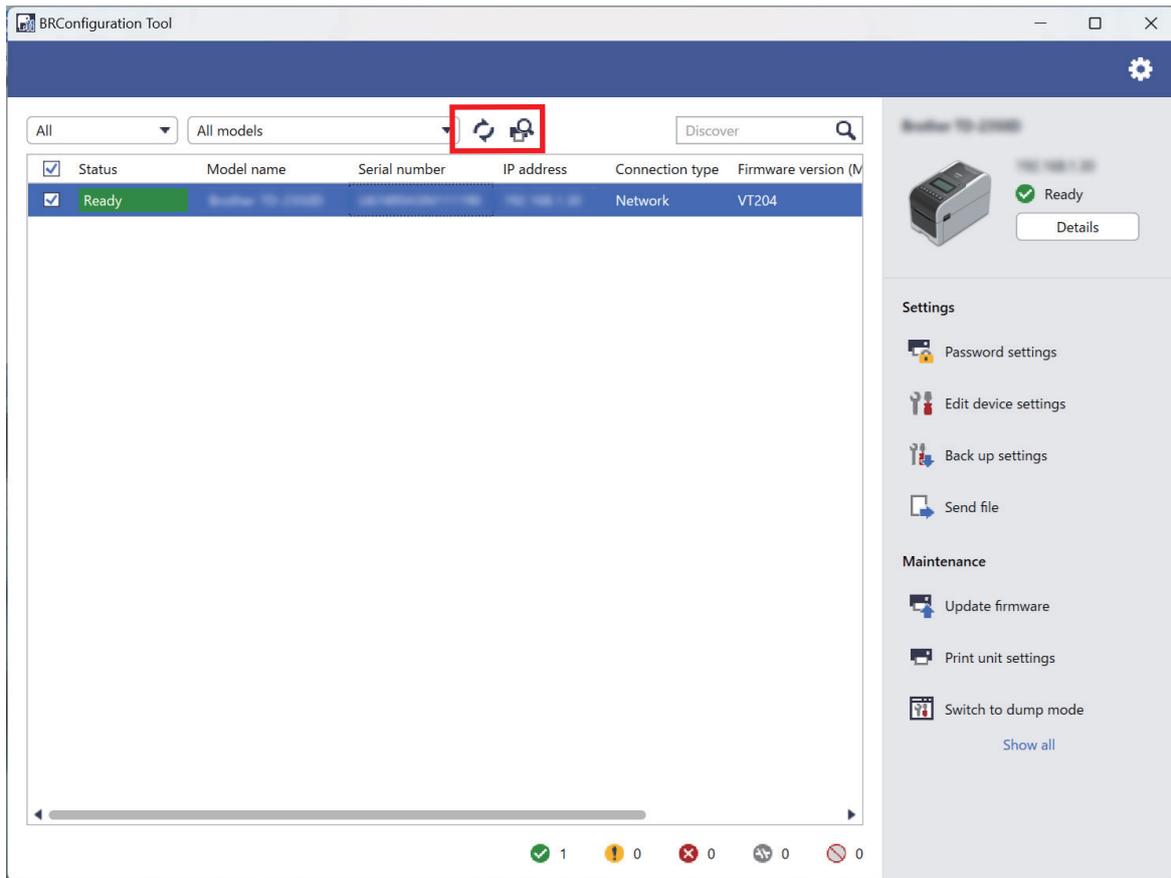
- [Discover New Devices](#)
- [Filter and Search Devices](#)
- [View Device Status](#)
- [Perform Actions](#)

## Discover New Devices

The BRConfiguration Tool discovers devices upon startup. If you cannot find your target device in the list, do the following:

1. Click  to search for active devices.

When you click , any new network-connected and USB-connected Brother devices appear on the device list according to their discovery method and settings. For more information on discovery settings, see *Related Topics: Configure Device Discovery Settings*.



2. Click  to refresh the information on the device list.

### Related Information

- [Discover Devices](#)

#### Related Topics:

- [Configure Device Discovery Settings](#)

## Filter and Search Devices

### Filter

There are two drop-down lists available for listing specific devices: one filters by status and the other filters by model name. Using both drop-down lists simultaneously allows you to filter by both criteria.

- Filter by status

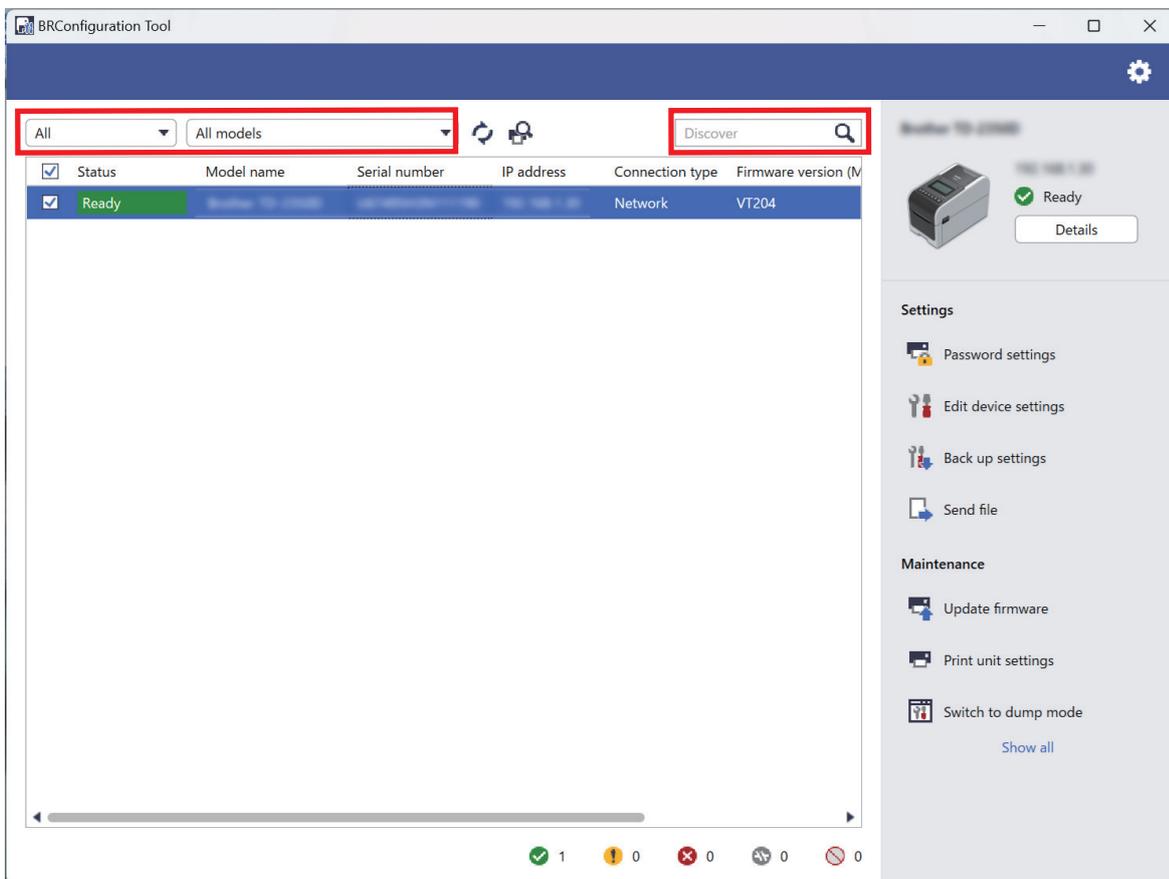
See the table for available status filters. The default is **All**.

Status	Description
All	Lists all devices.
Ready	Lists devices in the <b>Ready</b> status.
Attention	Lists devices in the <b>Attention</b> status.
Not supported	Lists devices in the <b>Not supported</b> status.
Error	Lists devices in the <b>Error</b> status.
Connection error	Lists devices in the <b>Connection error</b> status.

- Filter by model name

See the table for available model name filters. The default is **All models**.

Model name	Description
All models	Lists all devices.
Models preset on the device list	Lists all devices preset on the device list.



### Search

The search function allows you to search the device list for the devices matching your search criteria, such as the serial number, IP address, or firmware version.



## Related Information

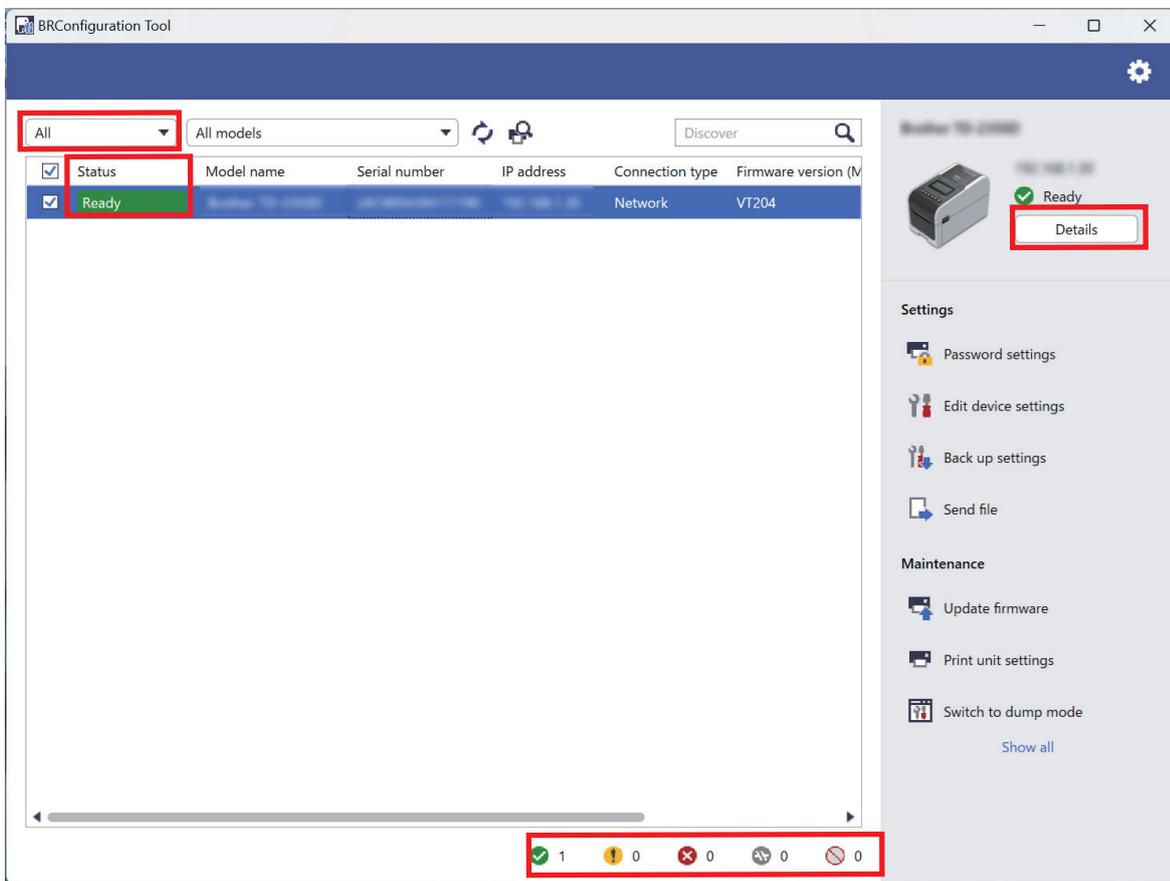
- [Discover Devices](#)

## View Device Status

Select one or more devices to view their status and information.

- To check detailed device information, click the **Details** button in the right pane.
- To filter devices by status, select a status in the drop-down list. **All** is the default status.
- To check the number of devices that require attention or display errors, see the icons in the bottom right corner of the device list:

-  Ready
-  Warning
-  Error
-  Connection Error
-  Not Supported



### Related Information

- [Discover Devices](#)

## Perform Actions

To complete required tasks, select one or more devices from the device list, and then select the settings or maintenance options you want from the right pane.



- To view information about a single device, select it, and then click **Details** in the right pane.
- The available options vary depending on the selected device.



### Related Information

- [Discover Devices](#)

#### Related Topics:

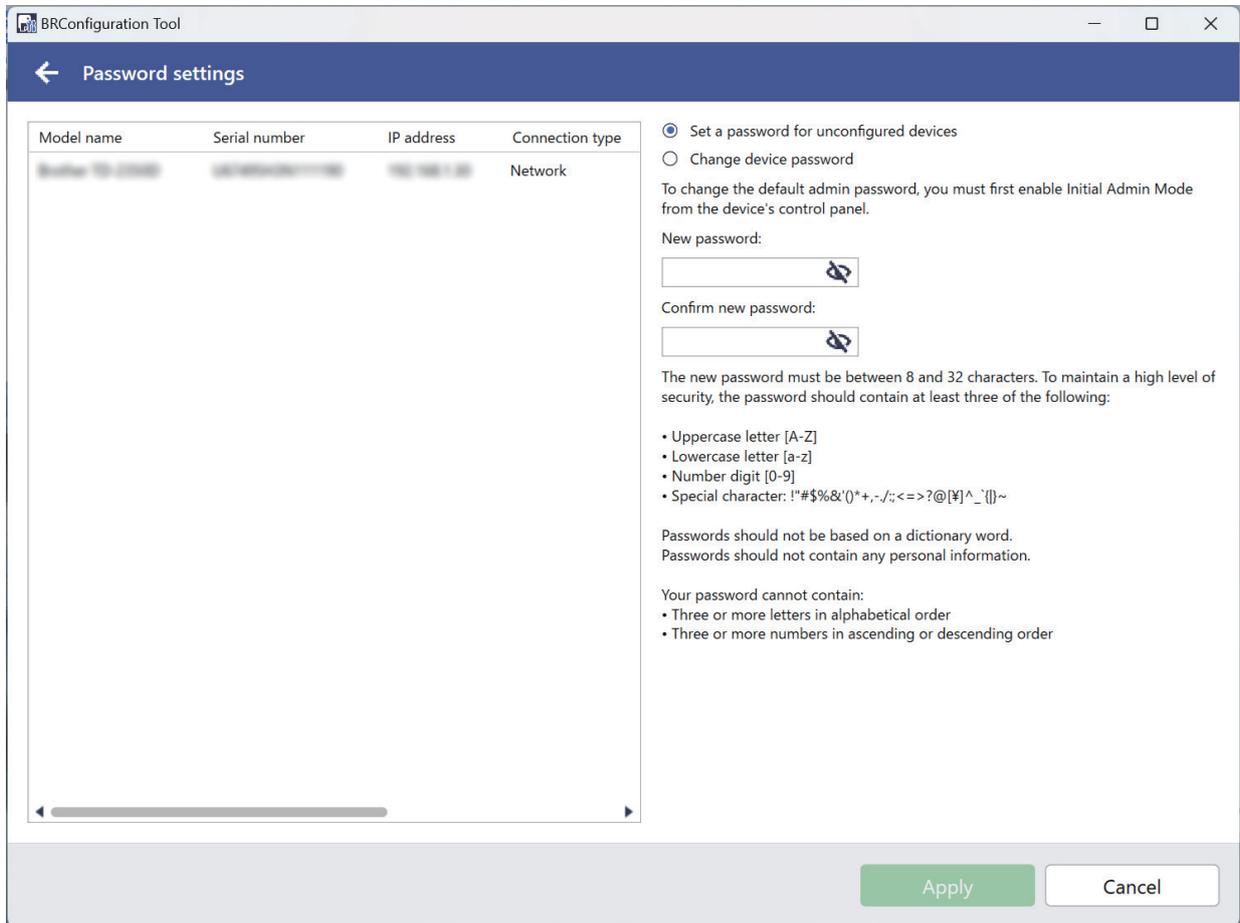
- [Overview](#)
  - [Settings](#)
  - [Maintenance](#)
-

## Settings

- [Change the Device Password](#)
- [Edit Settings](#)
- [Back Up Your Device Settings](#)
- [Send a Device Settings File](#)

## Change the Device Password

1. Select one or more devices.
2. Click the **Password settings** option under **Settings** in the right pane.



3. Do one of the following:
  - To change the default login password:
    - a. Make sure your network-connected devices are in the Initial Admin Mode.
    - b. Select **Set a password for unconfigured devices**.
    - c. Type the new password in the **New password:** and **Confirm new password:** fields.
    - d. Click **Apply**.
  - To change the current password:
    - a. Select **Change device password**.
    - b. Type the current password in the **Current device password:** field.
    - c. Type the new password in the **New password:** and **Confirm new password:** fields.
    - d. Click **Apply**.

### ✓ Related Information

- [Settings](#)

## Edit Settings

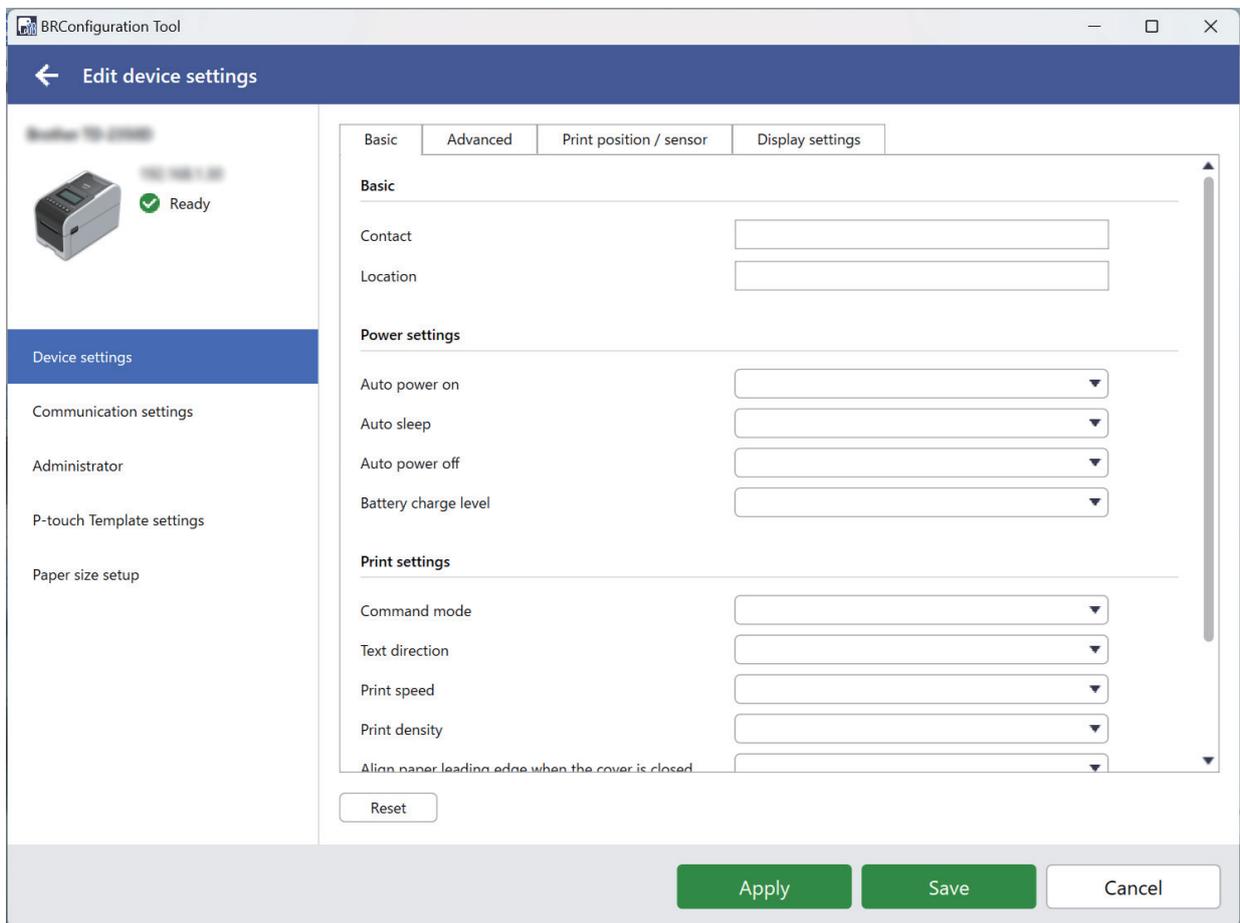
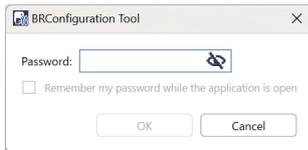
BRConfiguration Tool allows you to edit settings on your device.

 See your device's manual for more information.

1. Select one or more devices.
2. Click the **Edit device settings** option under **Settings** in the right pane.

 No settings are displayed if you select multiple devices or if there is a connection error.

3. Type the password in the **Password:** field, and then click **OK**.



4. Click the **Device settings** menu in the left pane.
  - a. Select a tab at the top of the settings display area.
  - b. Configure the settings on the tab.
  - c. Repeat for all tabs on the **Device settings** window.
5. Click the **Communication settings** menu in the left pane.
  - a. Select a tab at the top of the settings display area.
  - b. Configure the settings on the tab.

- 
- c. Repeat for all tabs on the **Communication settings** window.
  6. Click the **Administrator** menu in the left pane.
    - a. Select a tab at the top of the settings display area.
    - b. Configure the settings on the tab.
    - c. Repeat for all tabs on the **Administrator** window.
  7. Click the **P-touch Template settings** menu in the left pane.
    - a. Select a tab at the top of the settings display area.
    - b. Configure the settings on the tab.
    - c. Repeat for all tabs on the **P-touch Template settings** window.
  8. Click the **Paper size setup** menu in the left pane.
    - a. To edit the paper list, do one of following:
      - i. Click  to add a paper.

Specify the settings in the **Paper size setup** window, and then click **Add**.
      - ii. Click  to edit the paper settings.

Edit the settings in the **Paper size setup** window, and then click **Add**.
      - iii. Click  to delete the paper settings you no longer need.
    - b. To enable automatic paper detection, click the **Automatic detection** button under the **Auto media configuration** menu.
  9. Do one of the following:
    - To apply the settings to the selected devices:
      - a. Click **Apply**.
    - To save the settings file to a folder:
      - a. Click **Save**.
      - b. Specify the destination folder path in the **Save to:** field.
      - c. Enter the encryption password in the **File password:** field if you selected **Encrypt**.
      - d. Click **OK**.



## Related Information

- [Settings](#)
-

## Back Up Your Device Settings

BRConfiguration Tool obtains setting information from the selected devices and saves the information to the specified folder.

1. Select one or more devices.
2. Click the **Back up settings** option under **Settings** in the right pane.

The screenshot shows the 'BRConfiguration Tool' window with the 'Back up settings' dialog open. The dialog has a table on the left with columns: Model name, Serial number, IP address, and Connection type. The table contains one row with a blurred device name, a serial number, an IP address, and 'Network' as the connection type. On the right side of the dialog, there are several sections: 'Device password:' with a text input field and a 'Remember my password while the application is open' checkbox; 'Save to:' with a text input field and a 'Browse...' button; a note: 'Do not change the file name if you want to deploy the backup file via USB memory stick. USB deployments require a specific file name format.'; 'Backup setting items:' with radio buttons for 'All' (selected) and 'Selected:', and a list of checkboxes: 'Device settings', 'Communication settings', 'Administrator', 'P-touch Template settings', and 'Paper size setup' (all checked); 'Device specific settings:' with an 'Exclude' checkbox; and 'File encryption:' with a note and a radio button for 'Encrypt' (selected). At the bottom right, there are 'Back up' and 'Cancel' buttons.

3. Type the password in the **Device password:** field.
4. Type the folder path in the **Save to:** field or click **Browse** to specify the folder path.
5. Do one of the following:
  - To back up all settings:
    - a. Select **All**.
  - To back up selected settings:
    - a. Select **Selected:**.
    - b. Select the checkboxes for the items you want to back up.
6. To exclude device-specific settings from the backup, select the **Exclude** checkbox.
7. Do one of the following:
  - Select **Encrypt** to encrypt the backup file.
  - Select **Do not encrypt** if you do not want to encrypt the backup file.
8. Click **Back up**.



The password for the backup file is the same as the device password.



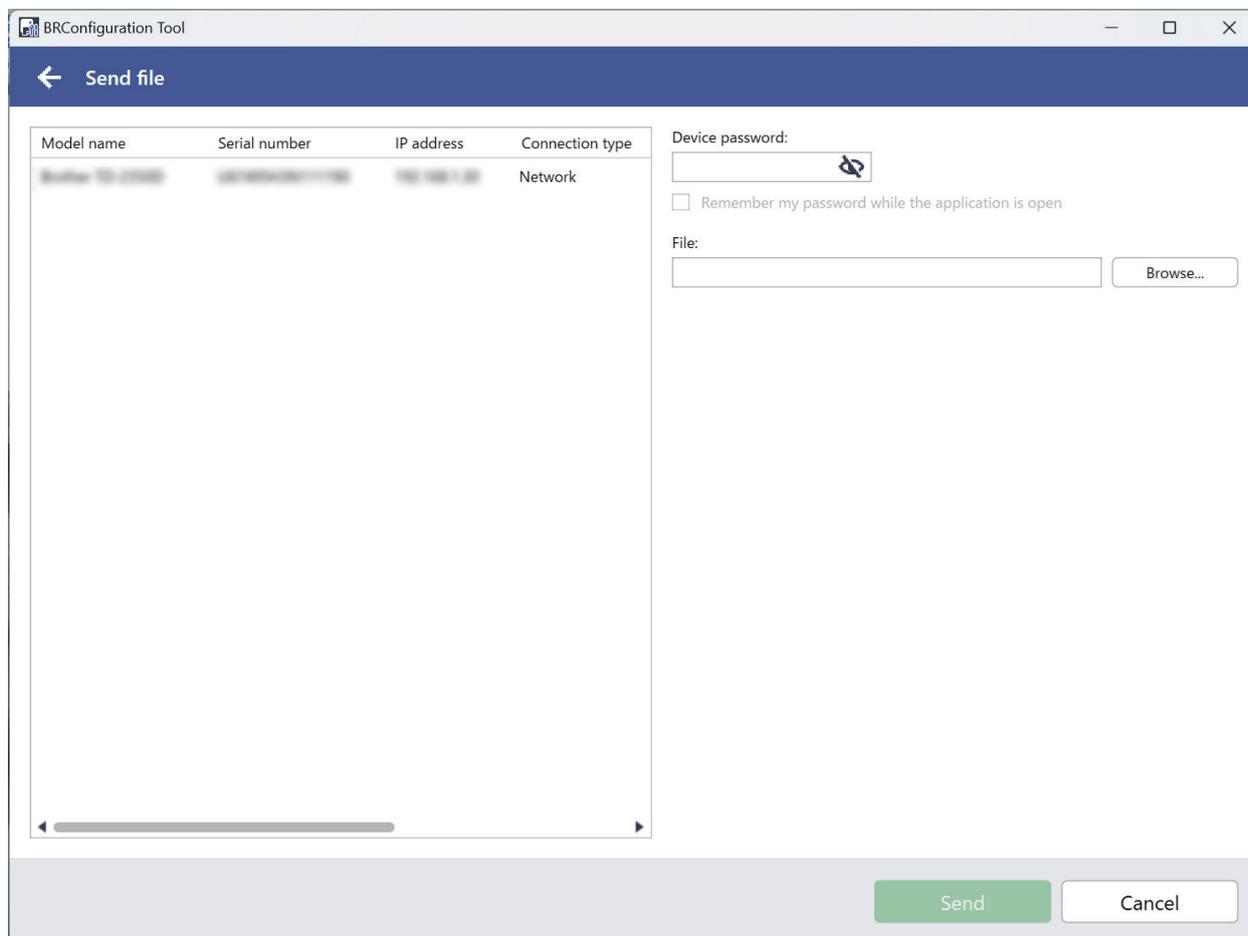
## Related Information

- [Settings](#)

## Send a Device Settings File

BRConfiguration Tool allows you to send settings files in a BIN, ELDPK, JSON, or BLF format to the selected devices.

1. Select one or more devices.
2. Click the **Send file** option under **Settings** in the right pane.



3. Type the password in the **Device password:** field.
4. Type the file path in the **File:** field or click **Browse** to specify the file path, and then select a file you want to send.
5. Click **Send**.



### Related Information

- [Settings](#)

## Maintenance

- [Update Device Firmware](#)
- [Print Device Settings](#)
- [Switch Your Device to Dump Mode](#)
- [Check the Print Head Status](#)
- [Reset to Factory Defaults](#)
- [Disable Automatic Bluetooth Reconnection](#)
- [Reboot the Device](#)
- [Turn Selected Devices Off](#)

## Update Device Firmware

1. Select one or more devices.
2. Click the **Update firmware** option under **Maintenance** in the right pane.
3. Type the password in the **Device password:** field.
4. Click **Send**.

If a later version of your firmware is available, BRConfiguration Tool downloads it and updates the selected devices' firmware automatically.



### Related Information

- [Maintenance](#)

## Print Device Settings

BRConfiguration Tool allows you to print device settings on the selected devices.

1. Select one or more devices.
2. Click the **Print unit settings** option under **Maintenance** in the right pane.
3. Type the password in the **Device password:** field.
4. Click **Apply**.



### Related Information

- [Maintenance](#)
-

## Switch Your Device to Dump Mode

BRConfiguration Tool allows you to set dump mode on the selected devices.

1. Select one or more devices.
2. Click the **Switch to dump mode** option under **Maintenance** in the right pane.
3. Type the password in the **Device password:** field.
4. Click **Apply**.



### Related Information

- [Maintenance](#)
-

## Check the Print Head Status

BRConfiguration Tool allows you to check the print head status on the selected devices.

1. Select one or more devices.
2. Click the **Check print head status** option under **Maintenance** in the right pane.
3. Type the password in **Device password:** field.
4. Click **Apply**.



### Related Information

- [Maintenance](#)
-

## Reset to Factory Defaults

BRConfiguration Tool allows you to reset the current settings on the selected devices to the factory settings.

1. Select one or more devices.
2. Click the **Reset to factory defaults** option under **Maintenance** in the right pane.
3. Type the password in the **Device password:** field.
4. Do one of the following:
  - Select **All** to reset all settings.
  - Select **Transferred data (templates, databases, fonts, filters, and images)** to reset the data transferred to the devices.
5. Click **Apply**.



### Related Information

- [Maintenance](#)
-

## Disable Automatic Bluetooth Reconnection

BRConfiguration Tool allows you to disable automatic Bluetooth pairing of the selected devices.

1. Select one or more devices.
2. Click the **Delete auto re-paired Bluetooth device** option under **Maintenance** in the right pane.
3. Type the password in the **Device password:** field.
4. Click **Apply**.



### Related Information

- [Maintenance](#)
-

## Reboot the Device

BRConfiguration Tool allows you to reboot the selected devices.

1. Select one or more devices.
2. Click the **Reboot device** option under **Maintenance** in the right pane.
3. Type the password in the **Device password:** field.
4. Click **Apply**.



### Related Information

- [Maintenance](#)
-

## Turn Selected Devices Off

BRConfiguration Tool allows you to turn the selected devices off.

1. Select one or more devices.
2. Click the **Power off** option under **Maintenance** in the right pane.
3. Type the password in the **Device password:** field.
4. Click **Apply**.



### Related Information

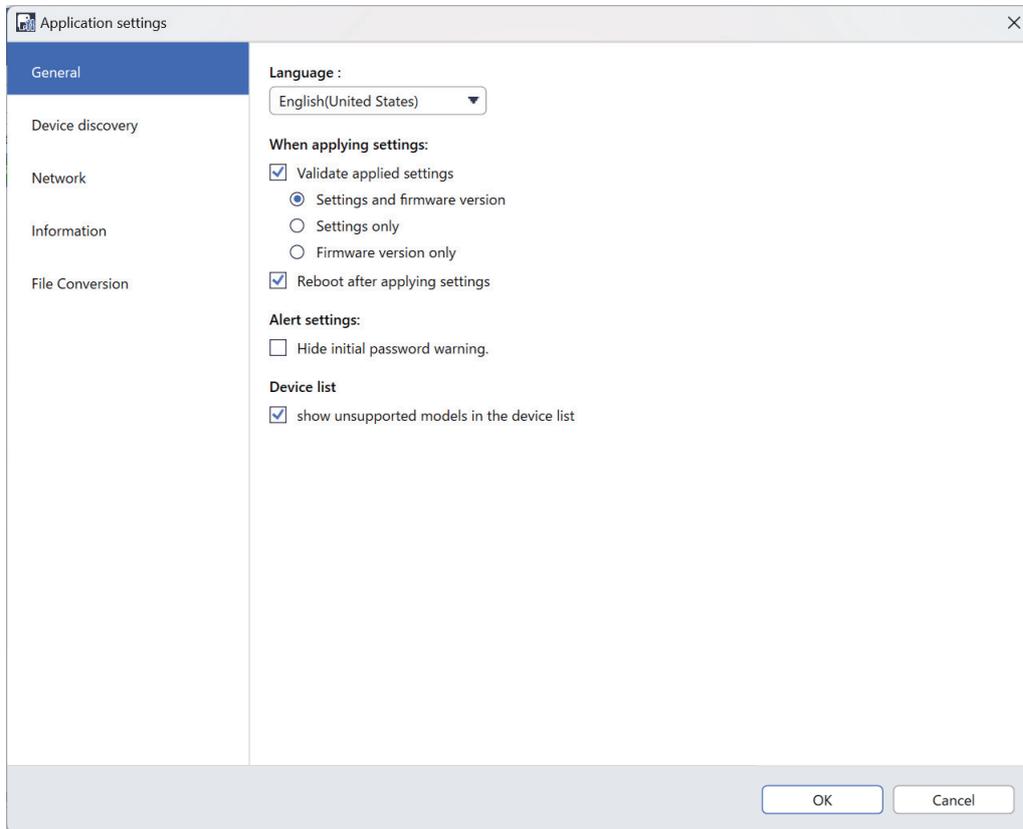
- [Maintenance](#)
-

## Application Settings

- [Configure the General Settings](#)
- [Configure Device Discovery Settings](#)
- [Configure the Network Settings](#)
- [Save the Device Settings Configuration Log](#)
- [View the Application Information](#)
- [Convert the Device Settings File](#)

## Configure the General Settings

1. Click  to open the **Application settings** window.
2. Click the **General** menu in the left pane.



3. Select your language in the **Language:** drop-down list.
4. Select the **Validate applied settings** checkbox to verify after applying the settings and firmware.  
Do one of the following:
  - Select **Settings and firmware version** to verify if both the settings and firmware have been successfully applied.
  - Select **Settings only** to verify if the settings have been successfully applied.
  - Select **Firmware version only** to verify if the firmware has been successfully applied.
5. Select the **Reboot after applying settings** checkbox to reboot after applying the settings.
6. Select the **Hide initial password warning.** checkbox to disable the alert that the initial password has not been changed.
7. To display unsupported models on the device list, select the **show unsupported models in the device list** checkbox.
8. Click **OK** to save the settings and close the **Application settings** window.



### Related Information

- [Application Settings](#)

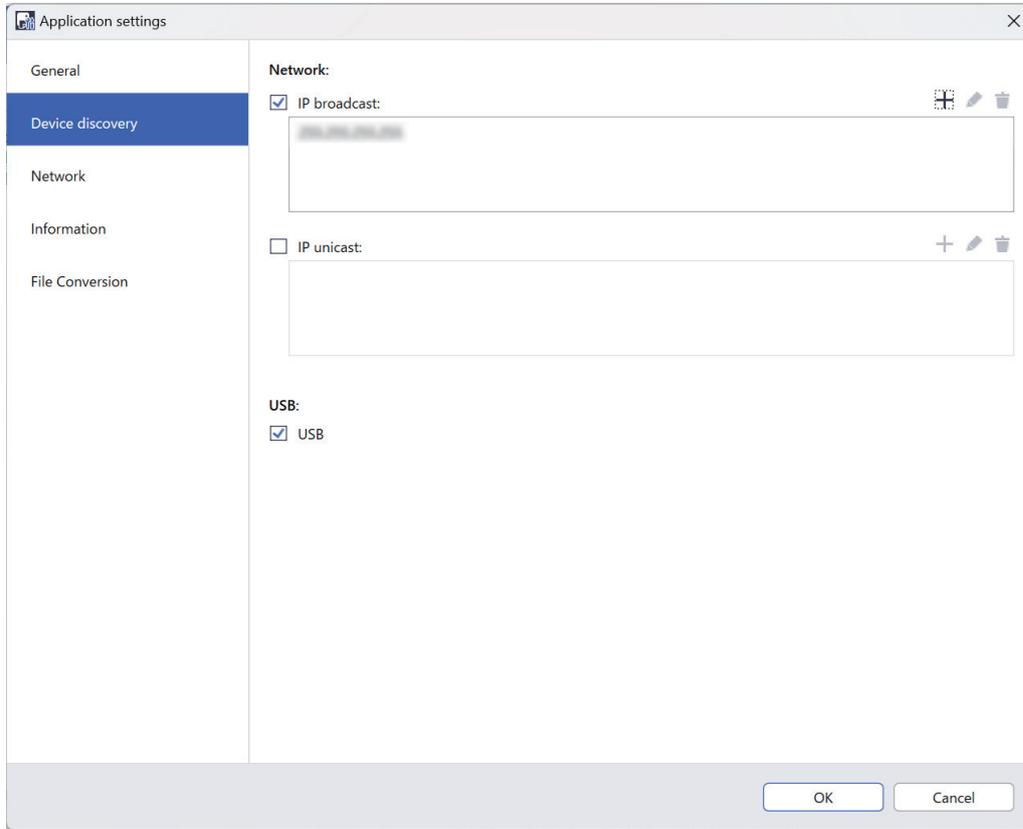
#### Related Topics:

- [Troubleshooting](#)

## Configure Device Discovery Settings

Configure device discovery settings to find your devices.

1. Click  to open the **Application settings** window.
2. Click the **Device discovery** menu in the left pane.



3. To search for all devices on a local area network or subnet, select the **IP broadcast:** checkbox under **Network:**.

Do one of the following:

- Click  to add a broadcast address.  
Type a broadcast address, and then click **OK**.
- Click  to edit a broadcast address.  
Edit the broadcast address, and then click **OK**.
- Click  to delete the broadcast address you no longer need.

4. To search for devices with specific IP addresses, select the **IP unicast:** checkbox under **Network:**.

Do one of the following:

- Click  to add IP addresses.  
Do one of the following:
  - Click **Specified address:** to specify an IP address.  
Type an IP address, and then click **OK**.
  - Click **Address range:** to specify an IP address range.  
Type an IP address range, and then click **OK**.
  - Click **Import address list file:** to specify multiple IP addresses or IP address ranges by importing a TXT file.

---

Type the file path or click **Browse** to find the required TXT file, and then click **OK**.

- Click  to edit IP addresses.

Edit the required IP address, and then click **OK**.

- Click  to delete the IP addresses you no longer need.
5. To search for USB-connected devices, select the **USB** checkbox under **USB**.
  6. Click **OK** to save the settings and close the **Application settings** window.

## **Related Information**

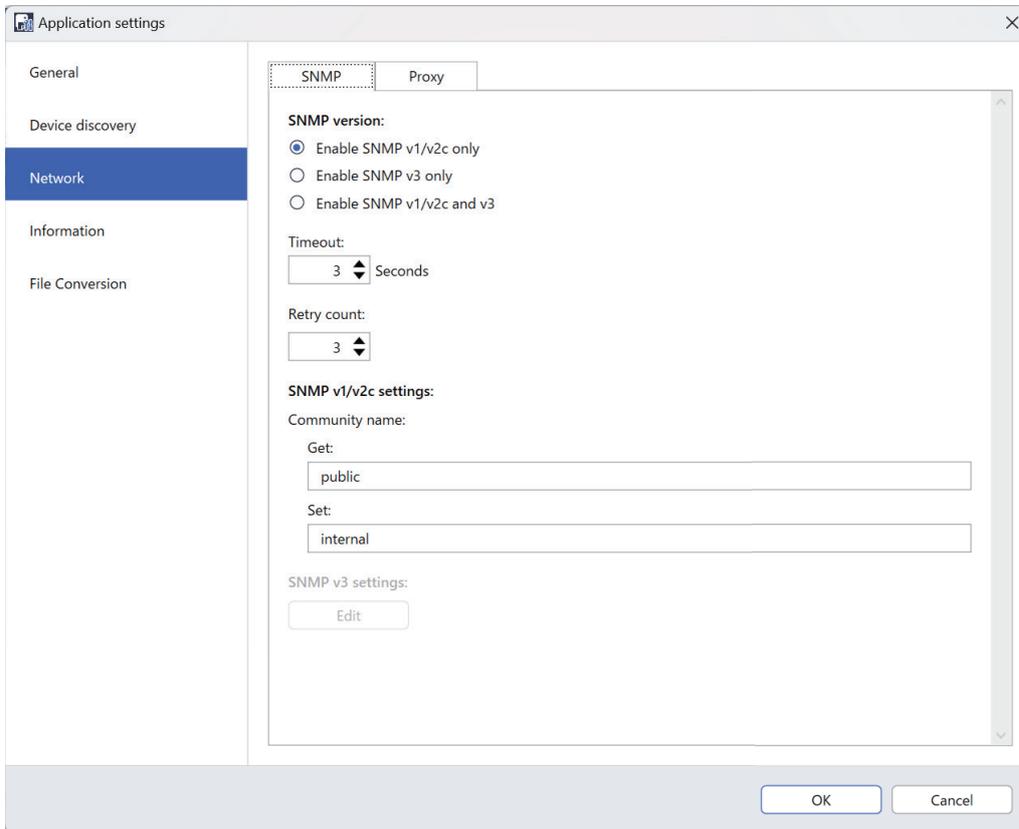
- [Application Settings](#)

### **Related Topics:**

- [Discover New Devices](#)
  - [If You Cannot Discover Your Device](#)
-

## Configure the Network Settings

1. Click  to open the **Application settings** window.
2. Click the **Network** menu in the left pane.



3. Click the **SNMP** tab.
4. Select one of the options in the **SNMP version:** menu.
5. Specify the SNMP communication timeout in the **Timeout:** spin box.
6. Specify the SNMP communication retry number in the **Retry count:** spin box.
7. Specify the SNMP communication name in the **Get:** field and the **Set:** field (if you selected the **Enable SNMP v1/v2c only** or **Enable SNMP v1/v2c and v3** options in the **SNMP version:** menu).
8. Click the **Edit** button under **SNMP v3 settings:** (if you selected the **Enable SNMP v3 only** or **Enable SNMP v1/v2c and v3** options in the **SNMP version:** menu).  
Specify the user name, authentication protocol, authentication password, privacy protocol, privacy password, and context name.
9. Click the **Proxy** tab.
10. Do one of the following:
  - Select **Auto** to configure the proxy server settings automatically.
  - Select **Manual:** to configure the proxy server settings manually by specifying the server name, port, user name, and password.
11. Click **OK** to save the settings and close the **Application settings** window.



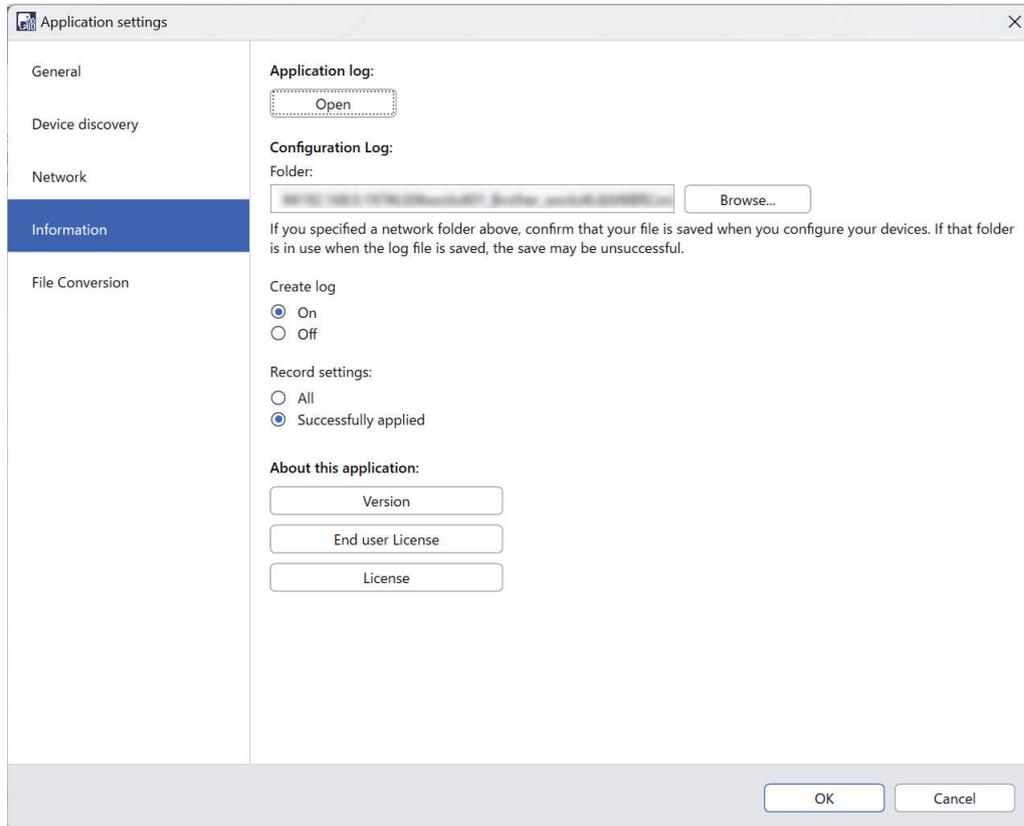
### Related Information

- [Application Settings](#)

## Save the Device Settings Configuration Log

BRConfiguration Tool allows you to save logs when sending firmware, settings or command files to devices using the **Send file** option or when changing the settings in the **Edit device settings** option and applying them to devices.

1. Click  to open the **Application settings** window.
2. Click the **Information** menu in the left pane.



3. Type the folder path in the **Folder:** field or click the **Browse** button to select the folder you want to save the log file to.
4. Select **On** under **Create log** to enable this function.
5. Do one of the following:
  - Select **All** under **Record settings:** to log results for all settings.
  - Select **Successfully applied** under **Record settings:** to log results only for successfully applied settings.
6. Click **OK** to save the settings and close the **Application settings** window.



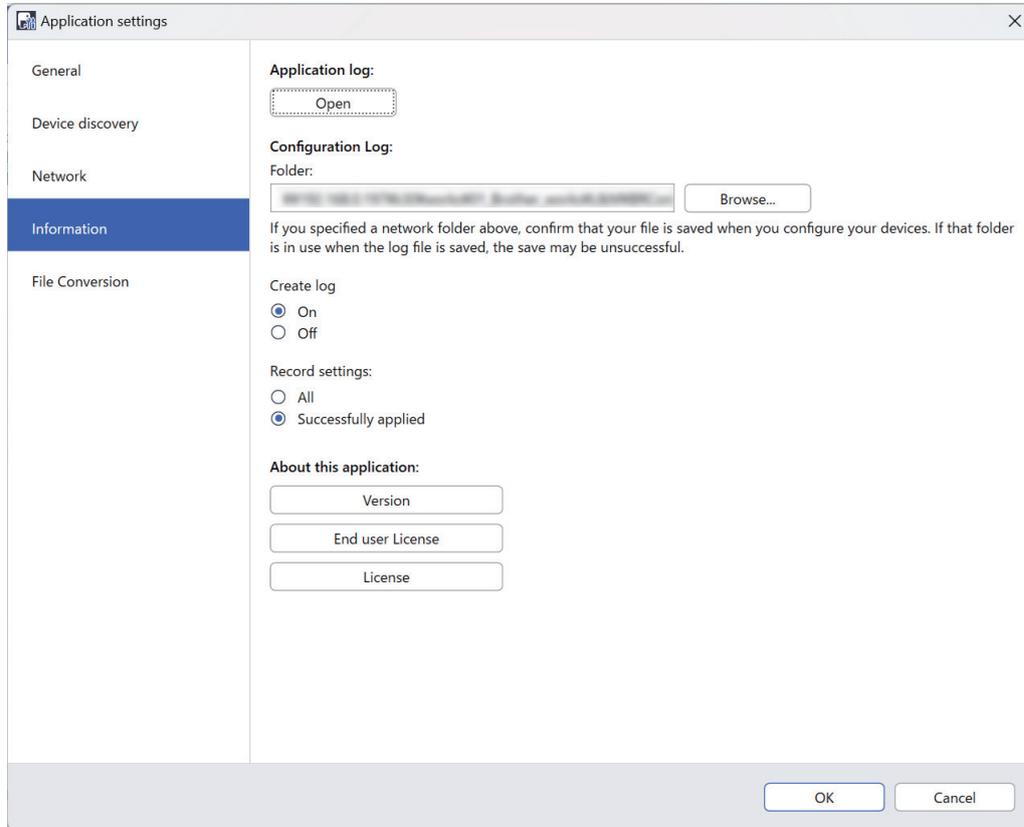
### Related Information

- [Application Settings](#)

## View the Application Information

To view the version, copyright, and license information for BRConfiguration Tool:

1. Click  to open the **Application settings** window.
2. Click the **Information** menu in the left pane.



3. To view the version and copyright of this application, click the **Version** button under **About this application:**. Click the **OK** button to close the dialog box.
4. To view the end-user license agreement for the open source software used in this application, click the **End user License** button under **About this application:**. Click the **Close** button to close the dialog box.
5. To view the license agreement for the open source software used in this application, click the **License** button under **About this application:**. Click the **Close** button to close the dialog box.
6. Click **OK** to close the **Application settings** window.

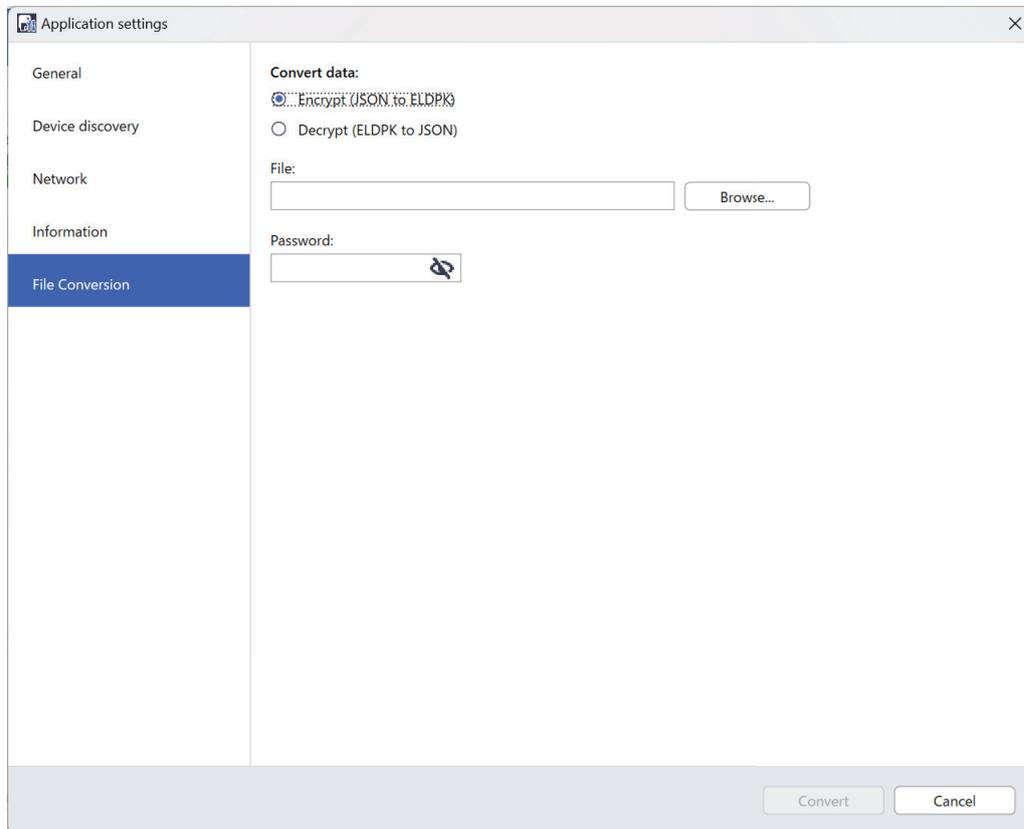
### Related Information

- [Application Settings](#)

## Convert the Device Settings File

BRConfiguration Tool supports JSON and ELDPK settings file formats and allows you to encrypt and decrypt these files.

1. Click  to open the **Application settings** window.
2. Click the **File Conversion** menu in the left pane.



3. Do one of the following:
  - Select **Encrypt (JSON to ELDPK)** to convert a JSON file to an ELDPK file.
  - Select **Decrypt (ELDPK to JSON)** to convert an ELDPK file to a JSON file.
4. Specify the location of the file you want to convert by typing the file path in the **File:** field or clicking **Browse**.



The converted file is saved in the same folder as the original file.

5. Type the password in the **Password:** field.
6. Click **Convert** to convert the file.



### Related Information

- [Application Settings](#)

#### Related Topics:

- [Troubleshooting](#)

## Troubleshooting

- [If You Cannot Discover Your Device](#)
- [Troubleshooting](#)

## If You Cannot Discover Your Device

### For all network connection types

Make sure that:

- Your computer is connected to the network.
- The target device is connected to the network.
- The target device is powered on.
- The discovery has not been interrupted by any security software, or Windows Firewall.
- The target device meets the discovery conditions and criteria.
- The target device is within the reach of the broadcast packet. If it is not, you may need to try the unicast search, or use the BRAgent software.

### For USB-connected devices

Make sure that:

- The target device is connected to the USB interface.
- The target device is not busy.



### Related Information

- [Troubleshooting](#)

#### Related Topics:

- [Configure Device Discovery Settings](#)
-

## Troubleshooting

Problem	Solution
The model is on the list, but when I search for it in the search field, there are no results.	Use the model name filter to search for a model name.
After changing the initial password, I still get a pop-up message prompting me to change the initial password before I use the device.	Select the <b>Do not show this message again</b> checkbox in the pop-up window.
I cannot send the backed-up settings file and certificate.	Sending unencrypted settings files to devices is possible, but an unencrypted certificate cannot be sent. Select encryption when you back them up, or convert the settings file and certificate to the ELDPK format before sending them to the devices. For information on how to convert files to the ELDPK format, see <i>Related Topics: Convert the Device Settings File</i> .
I sent an ELDPK file to the device, but an error occurred and the settings could not be applied.	When you send an ELDPK file to a network-connected device, the password for the ELDPK file must be identical to the device's password.  If you back up the settings of a network-connected device using BRConfiguration Tool, the device's password will be the password for the backed-up ELDPK file.
I cannot select more than six devices.	Up to five USB-connected devices can be selected at a time.
I cannot send a BLF file.	Only firmware files can be sent as BLF files.
My device displays an error. I want to resume a task but I have already closed the task window. How can I reopen the window to resume the task?	Once the window is closed, you cannot resume the task. Select your device again and repeat all necessary steps.
After applying the settings, the message <b>Complete</b> is displayed, but the settings are not reflected on the device.	Select the <b>Validate applied settings</b> checkbox and the <b>Reboot after applying settings</b> checkbox in the <b>Application settings</b> window to enable verification and rebooting of your device after applying settings. For more information, see <i>Related Topics: Configure the General Settings</i> .
I cannot see configured settings in the configuration log file.	Configured settings will only be included in the configuration log file if you apply these settings using the <b>Edit device settings</b> option. If you apply settings by sending a settings file, the name of the settings file will be recorded in the log file; check the settings file to see the configured settings.
I cannot change the initial password through the network.	For network-connected devices, only models with an LCD panel can change the password without entering the initial password.
I cannot use any functions on my network-connected device.	Make sure that: <ul style="list-style-type: none"> <li>You have entered the correct password.</li> <li>You have changed the initial password. For greater security, you must change the initial password when using BRConfiguration Tool with network-connected devices.</li> </ul>
I get the <b>Connection error</b> message when attempting to use a device with the <b>Ready</b> status in the <b>Status</b> column.	Make sure that: <ul style="list-style-type: none"> <li>The device is turned on.</li> <li>The device and computer are connected via network or USB.</li> <li>The device is not busy.</li> </ul>  BRConfiguration Tool will not update the device status until you manually update it after detecting the device.



## Related Information

- [Troubleshooting](#)

### **Related Topics:**

- [Convert the Device Settings File](#)
  - [Configure the General Settings](#)
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