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belkin F1DN204KVM Series Universal 2nd Gen
Secure KVM Switchbox

belkin F1DN204KVM Series Universal 2nd Gen Secure KVM Switchbox Installation Guide

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Specifications

- Supported SW versions: EX_SC_15220623_PP_17150523, SC446_18160622-PP446_13130622
- Compatible models: Various models listed in the manual

List of supported SW versions for the KVM Management Tool setup:

All SKVM with the below firmware and software versions:

1. EX_SC_15220623_PP_17150523
2. SC446_18160622-PP446_13130622

Compatible models include:

Universal 2nd Gen – Secure KVM

- F1DN102KVM-UN-4
- F1DN104KVM-UN-4
- F1DN108KVM-UN-4
- F1DN116KVM-UN-4
- F1DN202KVM-UN-4
- F1DN204KVM-UN-4
- F1DN208KVM-UN-4
- F1DN102KVM-UN4C
- F1DN102KVM-UNN4
- F1DN104KVM-UNN4
- F1DN104KVM-UN4C
- F1DN104KVMUNN4Z
- F1DN108KVM-UNN4
- F1DN202KVM-UNN4
- F1DN202KVM-UN4C
- F1DN204KVM-UNN4
- F1DN204KVM-UN4C
- F1DN204KVMUNN4Z

Universal 2nd Gen – Modular Secure KVM

- F1DN102MOD-BA-4
- F1DN104MOD-BA-4
- F1DN108MOD-BA-4
- F1DN202MOD-BA-4
- F1DN204MOD-BA-4
- F1DN208MOD-BA-4
- F1DN102MOD-DD-4
- F1DN102MOD-HH-4
- F1DN102MOD-PP-4

- F1DN104MOD-DD-4
- F1DN104MOD-HH-4
- F1DN104MOD-PP-4
- F1DN202MOD-DD-4
- F1DN202MOD-HH-4
- F1DN202MOD-PP-4
- F1DN204MOD-DD-4
- F1DN204MOD-HH-4
- F1DN204MOD-PP-4

Installation Guide
Hardware Requirements:

1. Belkin Secure KVM
2. Windows-compatible PC (Windows 10/11 8GB RAM)
3. USB-to-RJ11 cable (F1DN-RC-USB-CBL)
   - To create your own cable, please refer to the Belkin Administrator Manual found at:
     https://www.belkin.com/products/product-resources/cybersecurity-skvm/resources/.

Software Requirements:

1. **Browser:** Chrome or Edge only
2. **OS:** Windows 10/11 8GB RAM
3. Belkin SKVM Management Software version 1.81

## Installation Instructions

Download from Belkin Resource Center at: https://www.belkin.com/products/product-resources/cybersecurity-skvm/resources/

- Install the application: Belkin KVM MNG Ver1.81.EXE.
- Choose the location to install files and select "Next".
- Create a desktop shortcut.
- Select "Install" to begin and follow the installation wizard to complete the process.

Launch the application

- A Chrome/Edge webpage will open with a local server host window in the background.
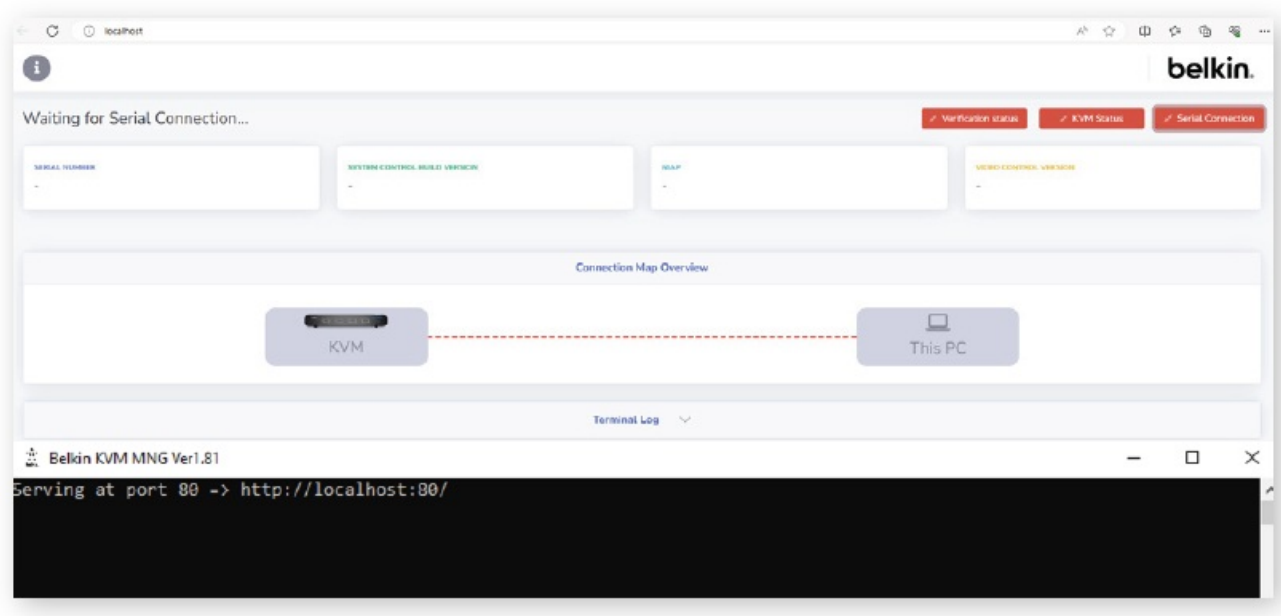
- Connect the PC and SKVM as follows:
  - Using the USB type A to RJ11/RS-232 cable, connect USB-A to the PC and RJ11/RS-232 to the RCU port on the SKVM.
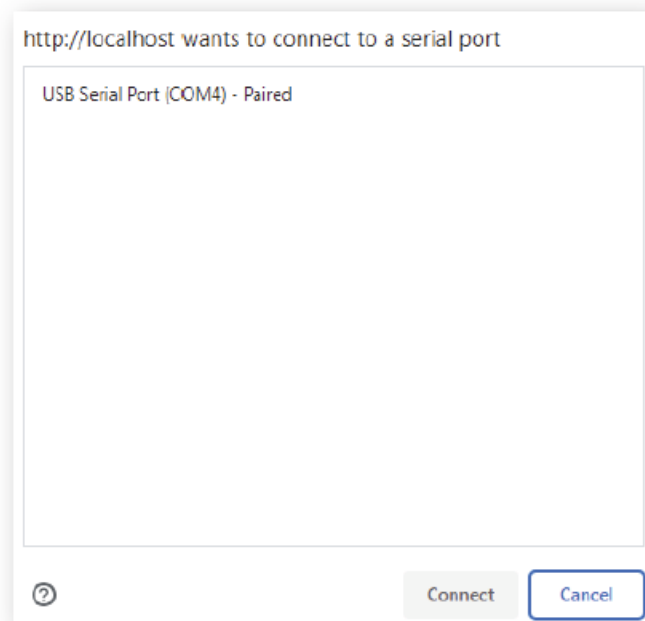

USB type A to
RJ11/RS-232

USB-A to RJ11
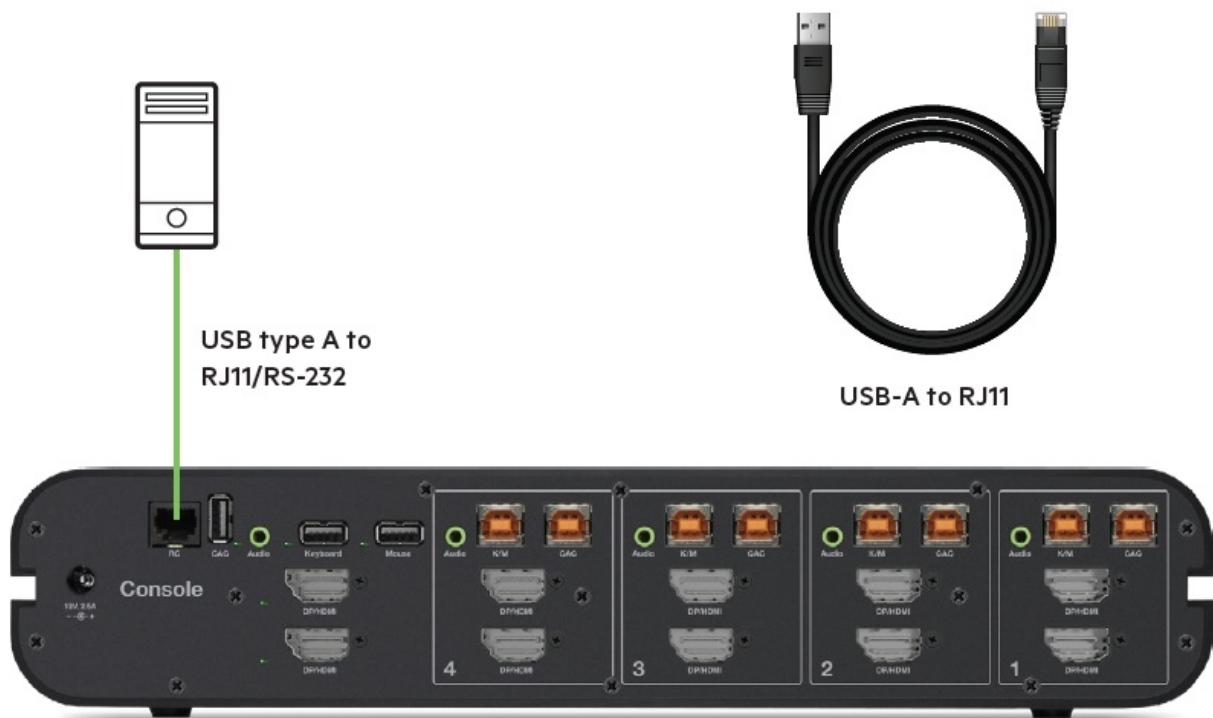
Belkin Secure KVM

- Connect the AC power cable to the SKVM.
- On the webpage upper right corner, Select and click "Serial Connection".
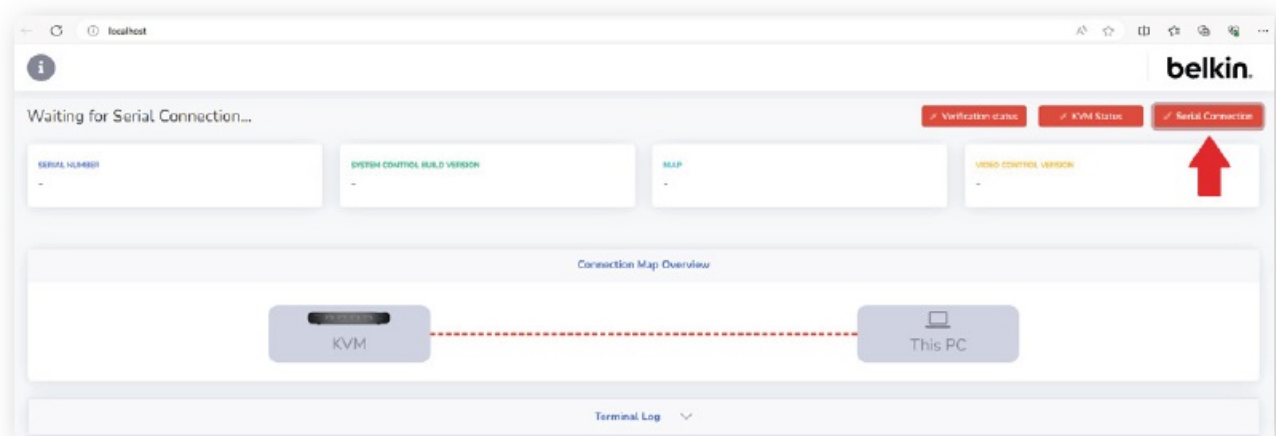
- A popup window will appear. On the "localhost connection" window, select the "USB Serial Port (COMx) where "x" represents the available COM port.
    - Select "Connect"

- Enter the username and password in the "Connect to KVM" popup window that follows. Wait approximately 30 seconds for the application to connect and collect information from the KVM.
    - If logging into Terminal Mode for the first time, use the following values:
    - **Username:** admin1234
    - **Password:** 1234ABCDefg!@#
    - Password must be changed upon initial connection

Connect to KVM

Enter Username and Password

| Username | |
| Password | |

Connect

> **IMPORTANT:** The main admin user account and password cannot be reset or deleted. If the password is mistyped or misplaced, it cannot be recovered. If you misplace the password, your SKVM/SKM will continue to function with the last setting changes made to it.

- Confirm that "Serial Connection," "KVM Status" and "Workstation Status" buttons have turned green indicating a successful connection to the SKVM. The SKVM information will be displayed in the top row including Serial Number, Software Version, NIAP Version and Video Control Board Version.

1.
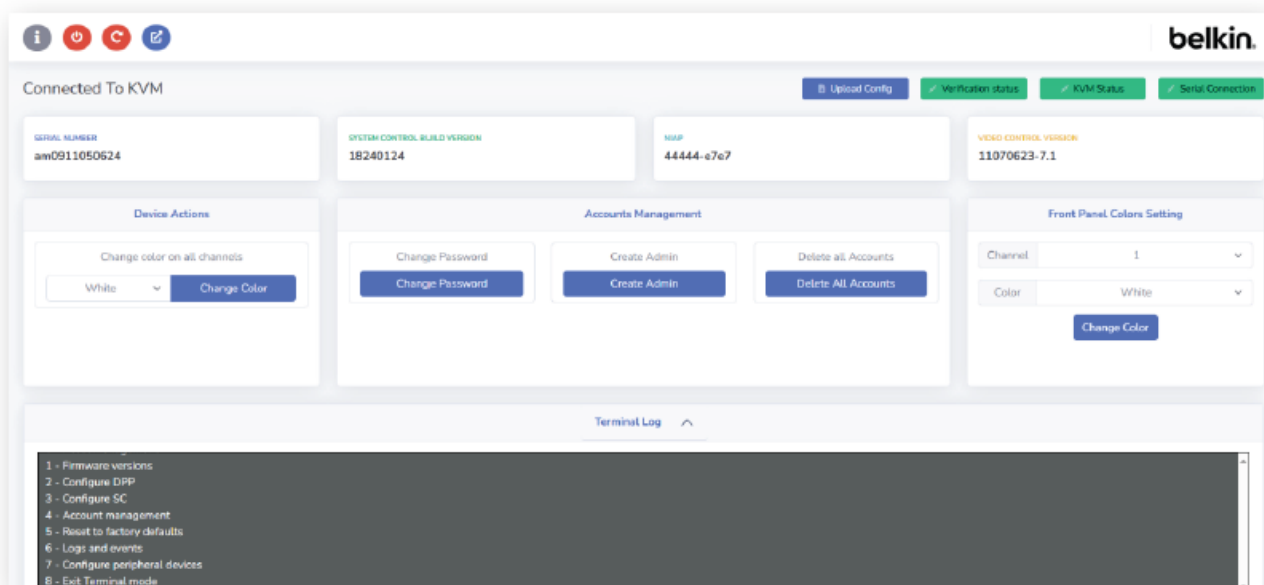
In the event of an error message during login, follow these steps:

1. Disconnect the USB-A to RJ11 cable from the PC side.
2. Power cycle the SKVM.
3. Reconnect the USB-A to RJ11 cable back to the PC.
4. Launch the application.

Once the application has launched, the menu options become accessible.
Toolbar Options:

- Show Information (Version)
- Logoff from Terminal Mode
- Factory Defaults Reset
- Remain in External Management Mode

Device Actions Menu
Change the color of all the channels

Account Management Menu

- Change Passwords
- Create Admin (User)
- Delete all Accounts

Front Panel Colors Settings Menu
Change the Color of a Single selected Channel

Upload Config Menu

- Create new configuration
- Revert Changes (Restore Configurations to last imported settings)
- Export Configuration (Export your Configuration)
- Load Config to KVM (Import your Configuration)
- Front Panel Colors Settings
- Account Management

Toolbar Options

- To verify your SKVM Management Tool Version, click on the icon.

- To Logoff Terminal Mode, click on the icon.

- To Restore to Factory Settings, click on the icon.

- To Remain in External Management and Close the Application, click on the icon.
  - This option allows the administrator to leave the SKVM in Admin Mode running in terminal preventing an end user from making any changes without the use of the External Management tool.

Menu

Device Actions Menu
Change the color of all the channels:

1. Scroll and select the color requested.
2. Click "Change Color".
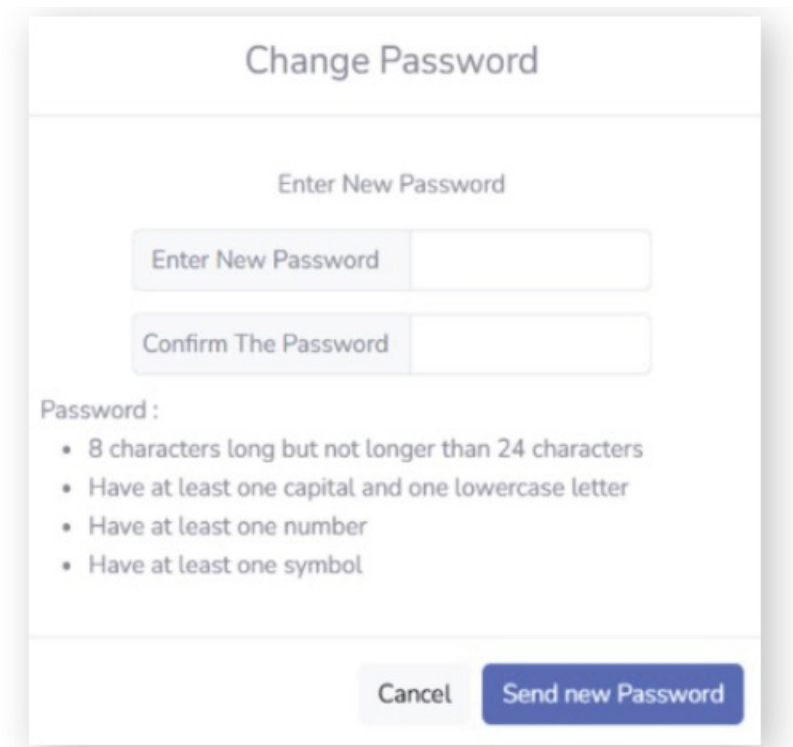3. This operation will take 30 seconds. Wait for completion.
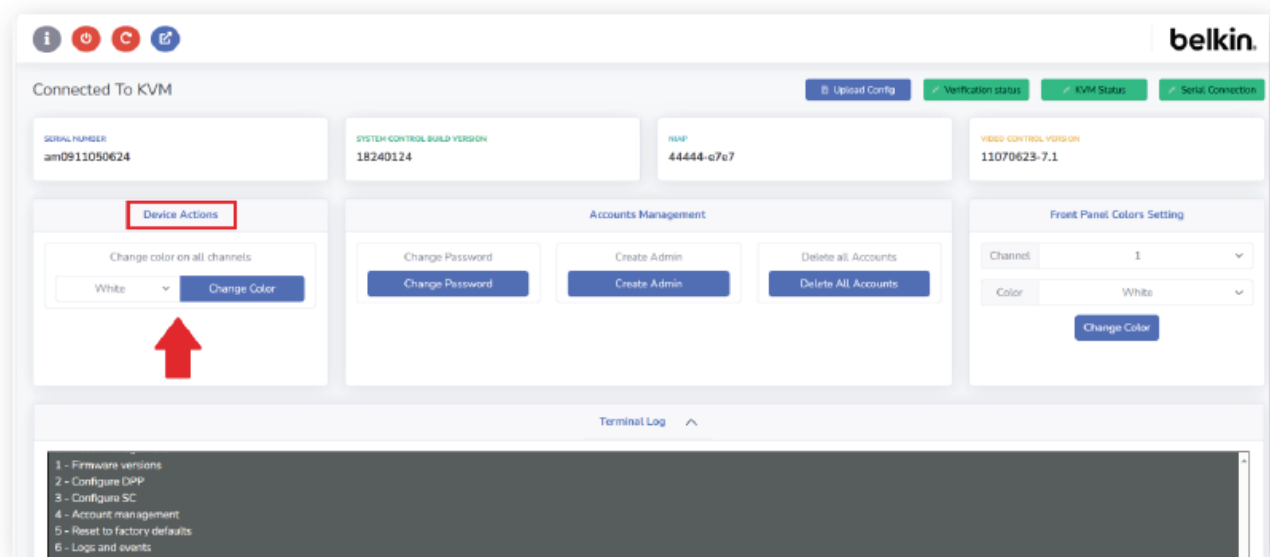
Account Management Menu
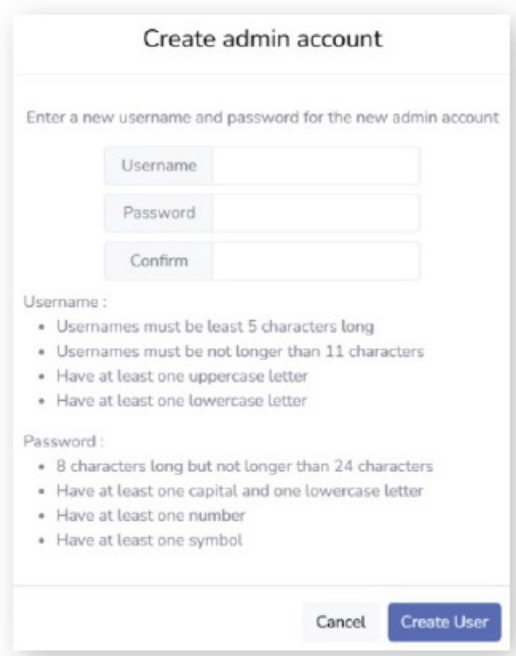Change Passwords:

1. Click "Change Password".
2. Click "Confirm" to continue or "Cancel" to return.
3. Type the new password according to the password convention.
    - Password convention:
    - Minimum of 8 characters to a
    - Maximum of 24 characters.
    - Minimum of 1 Uppercase letter and 1 Lowercase letter.
    - Minimum of 1 Number.
    - Minimum of 1 Symbol.
4. Retype the new password to confirm.
5. Click "Send new Password" to continue or "Cancel" to return.
6. Wait for the popup window to confirm changes.
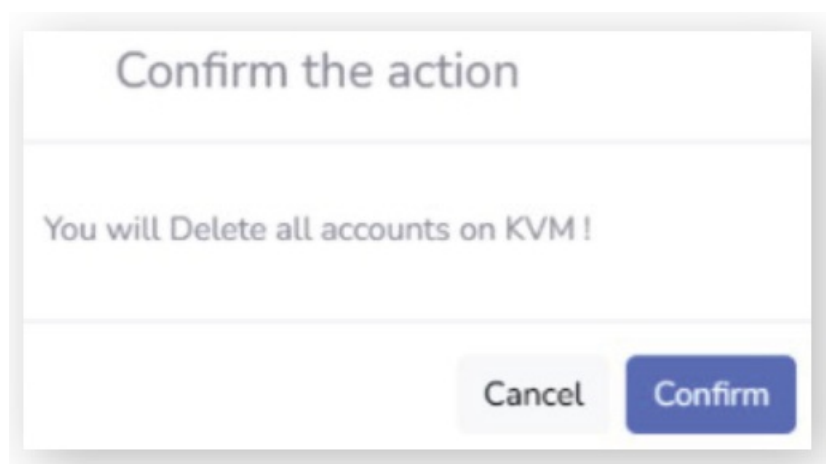
Create User:

1. Click "Create Admin"
2. Click "Confirm" to continue or "Cancel" to return.
3. Type the Username according to the username convention.
   - Username convention:
   - Minimum 5 characters to a
   - Maximum of 11 characters.
   - Minimum 1 Uppercase letter and 1 Lowercase letter.
4. Type the password according to the password convention.
   - Password convention:
   - Minimum of 8 characters to a Maximum of 24 characters.
   - Minimum of 1 Uppercase letter and 1 Lowercase letter.
   - Minimum of 1 Number.
   - Minimum of 1 Symbol.
5. Retype the new password to confirm.
6. Click "Create User" to continue or "Cancel" to return.
7. Wait for the popup window to confirm changes.

Delete all Accounts:

1. Click "Delete all Accounts".
2. Click "Confirm" to continue or "Cancel" to return.
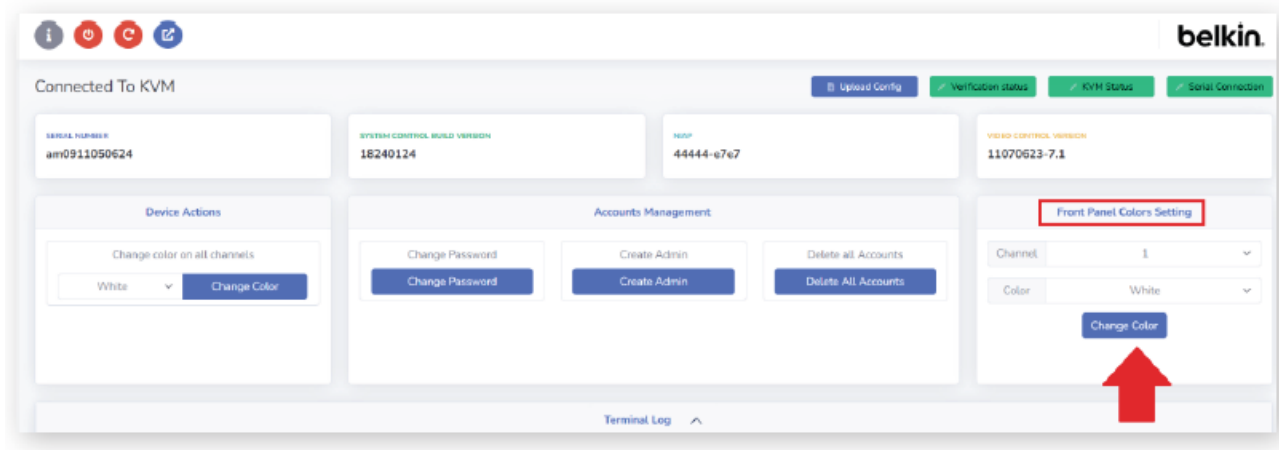3. Wait for the popup window to confirm changes.

Front Panel Colors Settings Menu:
Change the Color of a single selected Channel:

1. Select the channel from the dropdown menu.
2. Select the desired color from the dropdown menu.
3. Click "Change Color".
4. This operation will take 30 seconds. Wait for completion.

Upload Config Menu:
Create your own configuration, export it or import one that you have already created.

Create a new configuration:

1. For each channel, scroll and select the color requested.
2. For each username, type the username according to the username convention.
   - Username convention:
   - Minimum 5 characters to a Maximum of 11 characters.
   - Minimum 1 Uppercase letter and 1 Lowercase letter.
3. For each username, type the password according to the password convention.
   - Password convention:
   - Minimum of 8 characters to a maximum of 24 characters.
   - Minimum of 1 Uppercase letter and 1 Lowercase letter.
   - Minimum of 1 Number.
   - Minimum of 1 Symbol.
4. Check the boxes according to your configuration plan.
5. Click "Load Config to KVM" to continue or "Close" to return.
6. Wait for the popup window to confirm changes.

Export your configuration:

1. Click "Export Configuration".
2. A KVMConfig.json file will be created in your profile Download folder.

Import your configuration:

1. Click "Choose File".
2. Navigate to the folder containing the KVMConfig.json you want to import.
3. Select and Open the KVMConfig.json you want to import.
4. Click "Import Configuration".
5. Check the boxes according to your configuration plan.
6. Click "Load Config to KVM" to continue or "Close" to return.
7. Wait for the popup window to confirm changes.

See Screenshot below

Configuration Actions (External Management):

- This action is reversible only by using the external management application.
  - Click on "External Management".
  - Click "Confirm" to continue or "Cancel" to return.

FAQ

- **Q: Can I reset or recover the main admin user account password?**
  - A: No, the main admin user account password cannot be reset or recovered if misplaced. Ensure to keep it secure.
- **Q: What should I do if I encounter an error message during login?**
  - A: Follow the steps provided in the Error Troubleshooting section to resolve login errors.

Documents / Resources

belkin F1DN204KVM Series Universal 2nd Gen Secure KVM Switchbox [pdf] Installation Guide
F1DN102KVM-UN-4, F1DN104KVM-UN-4, F1DN108KVM-UN-4, F1DN116KVM-UN-4, F1DN202KVM-UN-4, F1DN204KVM-UN-4, F1DN208KVM-UN-4, F1DN102KVM-UN4C, F1DN102KVM-UNN4, F1DN104KVM-UNN4, F1DN104KVM-UN4C, F1DN104KVMUNN4Z, F1DN108KVM-UNN4, F1DN202KVM-UNN4, F1DN202KVM-UN4C, F1DN204KVM-UNN4, F1, F1DN204KVM Series, Universal 2nd Gen Secure KVM Switchbox, 2nd Gen Secure KVM Switchbox, Secure KVM Switchbox, Switchbox

References

- ● **[Connectivity & Charging Technology Resource Center | Belkin](#)**
- **[User Manual](#)**