



# ClareVision Plus 1 MP Indoor Wi-Fi Cube Camera (CVP-B1C50-IDIW) Firmware v5.4.5 Build 170807 Release Notes

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## Introduction

The ClareVision Plus (CVP) 1 MP Indoor Wi-Fi Cube Camera with IR (CVP-B1C50-IDIW) v5.4.5 firmware build 170807 update contains fixes for SD card overwrite abilities, MAC address correction, and password strengthening.

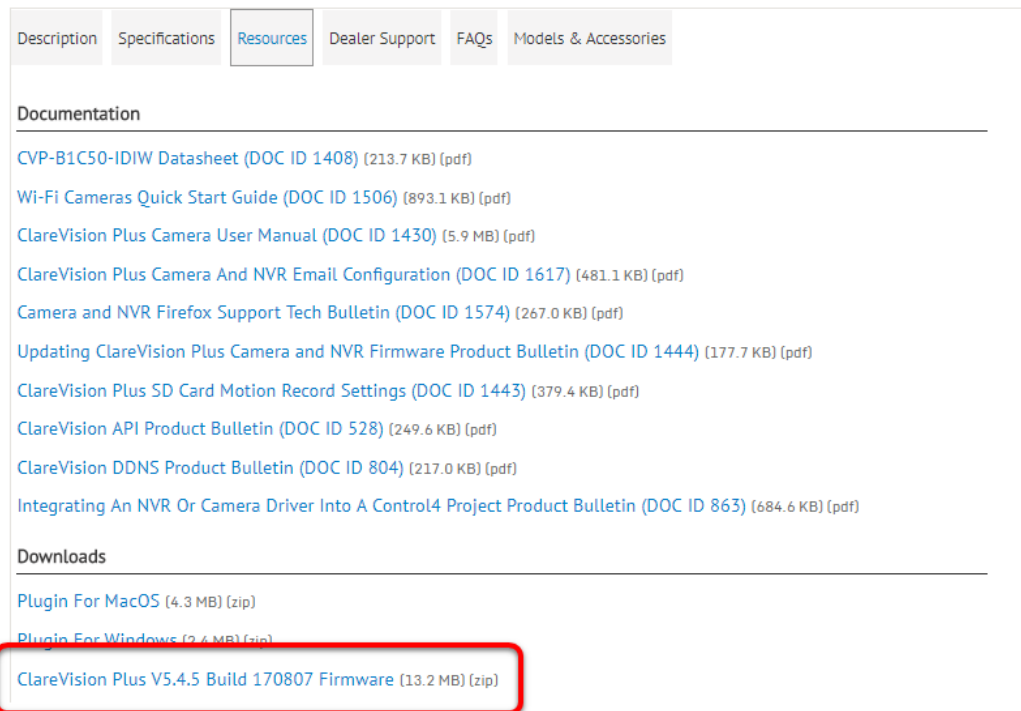
**Note:** Each camera must be updated individually.

## Updating the firmware

The new camera firmware is found on the Clare Controls website product page. You must download and extract the firmware before you can continue.

## To download the new firmware:

1. Browse to the correct Clare Controls product page, and then scroll down until you see the **Resources** sub-tab.



The screenshot shows a web page with a navigation bar at the top containing tabs: Description, Specifications, Resources (highlighted), Dealer Support, FAQs, and Models & Accessories. Below the navigation bar is a section titled "Documentation" with a list of links to various documents. Below that is a section titled "Downloads" with a list of links to download files. The link "ClareVision Plus V5.4.5 Build 170807 Firmware (13.2 MB) (zip)" is highlighted with a red rectangular box.

Description	Specifications	Resources	Dealer Support	FAQs	Models & Accessories
<b>Documentation</b>					
<a href="#">CVP-B1C50-IDIW Datasheet (DOC ID 1408)</a> (213.7 KB) (pdf)					
<a href="#">Wi-Fi Cameras Quick Start Guide (DOC ID 1506)</a> (893.1 KB) (pdf)					
<a href="#">ClareVision Plus Camera User Manual (DOC ID 1430)</a> (5.9 MB) (pdf)					
<a href="#">ClareVision Plus Camera And NVR Email Configuration (DOC ID 1617)</a> (481.1 KB) (pdf)					
<a href="#">Camera and NVR Firefox Support Tech Bulletin (DOC ID 1574)</a> (267.0 KB) (pdf)					
<a href="#">Updating ClareVision Plus Camera and NVR Firmware Product Bulletin (DOC ID 1444)</a> (177.7 KB) (pdf)					
<a href="#">ClareVision Plus SD Card Motion Record Settings (DOC ID 1443)</a> (379.4 KB) (pdf)					
<a href="#">ClareVision API Product Bulletin (DOC ID 528)</a> (249.6 KB) (pdf)					
<a href="#">ClareVision DDNS Product Bulletin (DOC ID 804)</a> (217.0 KB) (pdf)					
<a href="#">Integrating An NVR Or Camera Driver Into A Control4 Project Product Bulletin (DOC ID 863)</a> (684.6 KB) (pdf)					
<b>Downloads</b>					
<a href="#">Plugin For MacOS</a> (4.3 MB) (zip)					
<a href="#">Plugin For Windows</a> (2.4 MB) (zip)					
<a href="#">ClareVision Plus V5.4.5 Build 170807 Firmware</a> (13.2 MB) (zip)					

2. Click the **Resources** sub-tab, scroll to **Downloads**, and then click the firmware link.

The firmware begins to download.

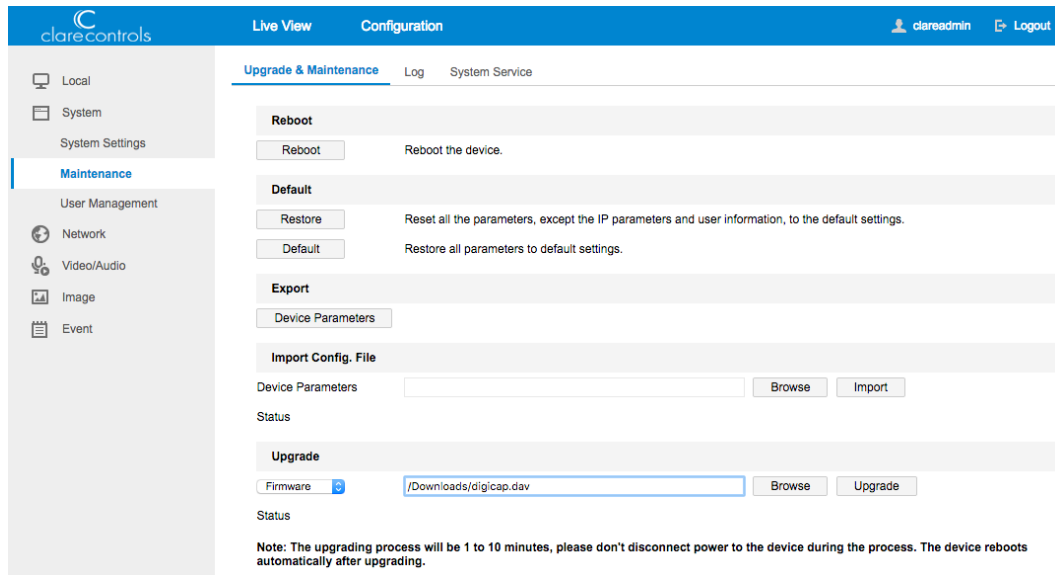
3. Once the firmware is downloaded, extract the information to the desired location in your computer.

## To update the firmware using the camera's web UI:

1. Using your computer, connect to the same network as the camera.
2. Browse to the camera's IP address, and then login using the camera's credentials.

### 3. Browse to **Maintenance**.

#### **Configuration > System > Maintenance > Upgrade & Maintenance**



4. Under the Upgrade heading, click **Browse**. Select the previously extracted firmware.

5. Click **Upgrade**, and confirm the upgrade.

#### **Notes**

- The upgrade reboots the camera.
- The upgrade assigns the camera a new IP address.


## **MAC address update**

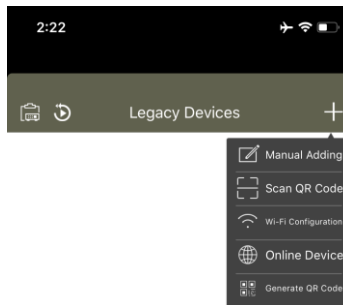
The firmware updates the camera's MAC address. All camera's MAC addresses now accurately match the MAC listed on the camera's label. Once the firmware is updated, the camera is assigned a new IP address. Find the new IP address using the SADP software tool on your computer, or the built in ClareVision Plus App's Online Devices list.

#### **To find the IP address using the SADP tool:**

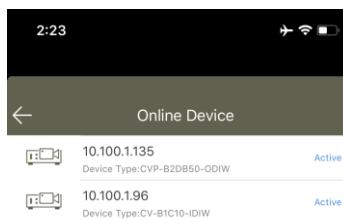
1. Download the SADP tool.
2. Launch SAPD and complete the wizard.
3. Locate the Camera in the list, and then copy the new IP address.

## To find the IP address using the Online Devices list:

1. Access the ClareVision Plus App.
2. Tap the **Plus** icon  in the top-right, and then tap **Online Devices**.



3. A list of all online devices displays.  
Note the camera's new IP address.



## Password strengthening and verification code

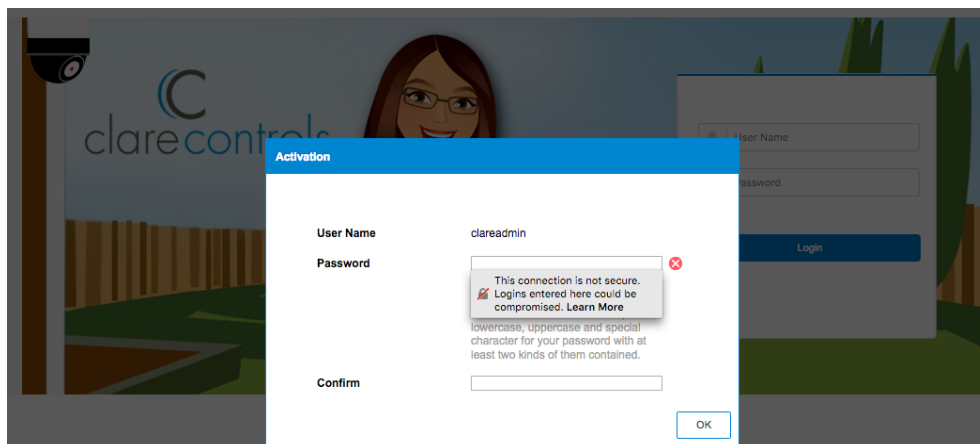
The firmware update requires the user set a new strong password and verify the camera. This change maintains the user's privacy.

**Note:** The password can no longer be secure7.

### To change the password:

1. Using your computer, connect to the same network at the camera.
2. Browse to the camera's IP address.

You are prompted to change the password.



3. Enter a new password, confirm the password, and then click **OK**.
4. Create a new verification code.

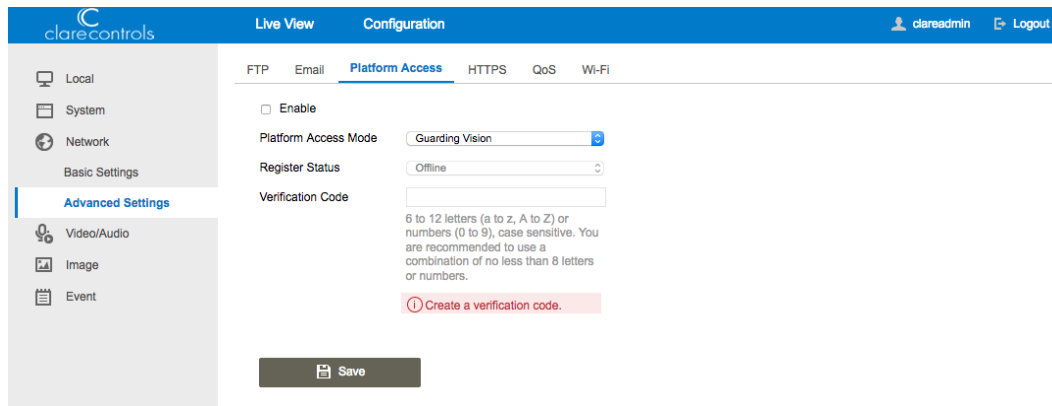
**Note:** This update renders the verification code on the camera's label unusable. You must activate the Cloud service and create a new verification code. The same code on the label can be used for user ease.

**To create a verification code:**

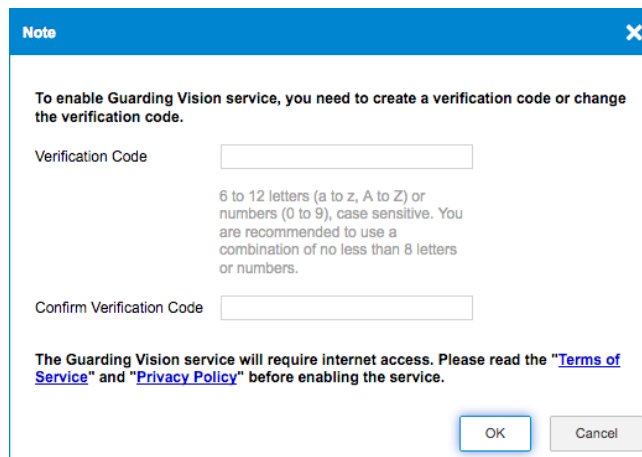
1. Browse to **Platform Access**.

**Configuration > Network > Advanced Settings > Platform Access**

**Note:** The camera's status is offline.



2. Click the **Enable** checkbox.  
A Verification dialog displays.



3. Enter the desired verification code, confirm the code, and then click **OK**.
4. Click **Save**.  
**Note:** If you do not click **Save**, the code is not saved.
5. Refresh the page and the camera now displays an online status.

## SD card overwriting

When using the previous firmware, the SD card's default was set to not overwrite recorded information. This results in the camera being unable to record new footage when the SD card is full. The user was able to access their camera and change the default setting.

The firmware update changes this behavior. The new default setting for the SD card overwrites old recordings when full to keep recording. This allows the user security in knowing that their camera is always able to record.

**Note:** You can select to overwrite or default the camera's settings for this update to correct the SD card defaults. We recommend using the overwrite option. If using the default option, the camera's Wi-Fi will need to be reconfigured.

### To overwrite the camera:

1. Connect to the camera's network, and then browse to the camera's IP address in your web browser.

**Note:** We recommend using Mozilla Firefox, Safari, or Internet Explorer.

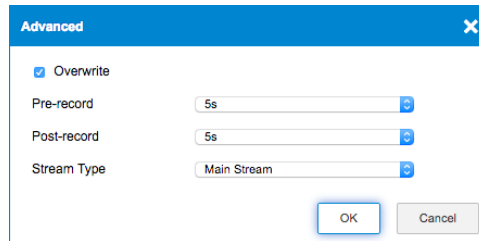
2. Access the camera using the set credentials.
3. Browse to **Record Schedule**.

### Configuration > Storage > Schedule Settings > Record Schedule

The screenshot displays the 'Record Schedule' configuration page in the clarecontrols web interface. The interface includes a top navigation bar with 'Live View', 'Playback', 'Picture', and 'Configuration' tabs, and a user profile 'clareadmin' with a 'Logout' option. A left sidebar lists system components: Local, System, Network, Video/Audio, Image, Event, and Storage. The 'Storage' section is expanded to show 'Schedule Settings' and 'Storage Management'. The main content area is titled 'Record Schedule' and has a 'Capture' sub-tab. It features a grid for configuring recording schedules for each day of the week (Mon-Sun). The grid has columns for hours from 0 to 24. A legend on the right indicates recording modes: Continuous (blue), Motion (green), Motion | Alarm (orange), and Event (purple). The 'Event' mode is selected for all days. A 'Save' button is at the bottom.

4. Click **Advanced**.

The **Advanced** dialog displays.

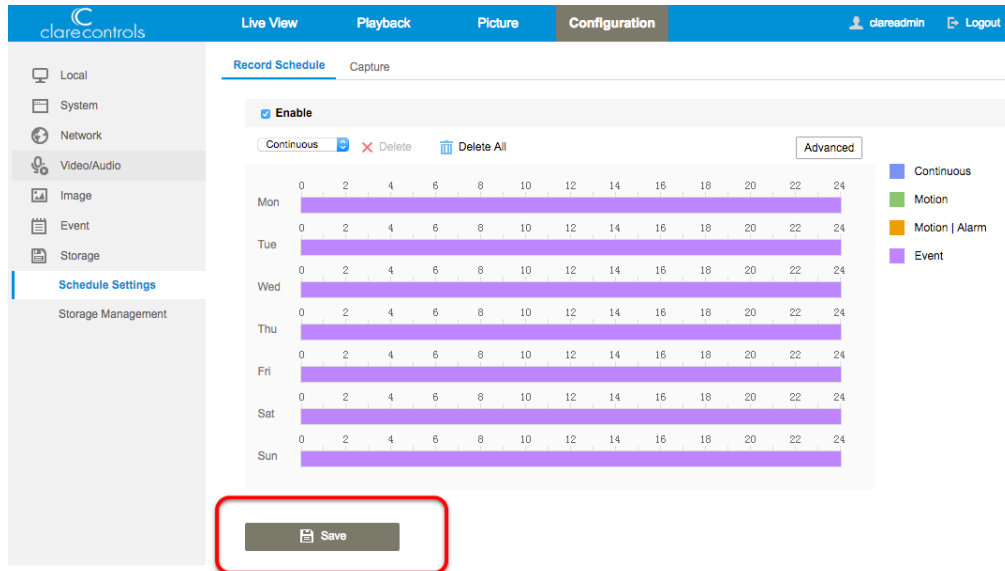


5. Select the **Overwrite** checkbox, and then click **OK**.

The **Advanced** dialog disappears.

6. Click **Save**.

**Note:** If you do not click **Save**, the changes do not take effect.



## Contact information

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