

# BG-AVTPG-MINI-G2 Firmware Upgrade Guide

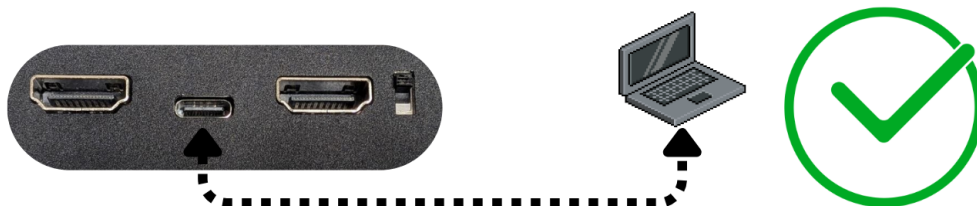
This guide explains how to update the firmware on the **BG-AVTPG-MINI-G2** using a Windows PC.

---

## Before You Begin

- Use a **Windows PC** (FirmwareWriter is Windows-only)
  - Ensure the firmware package is **fully extracted**
  - Do **not** disconnect the USB during the update process
- 

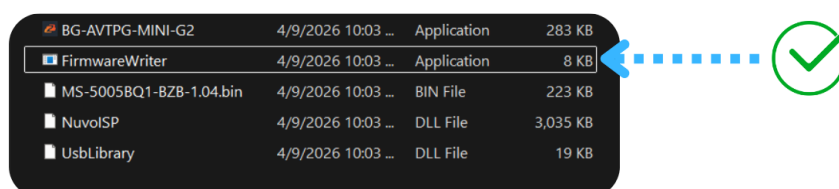
## Step 1: Connect the Device



Connect the **BG-AVTPG-MINI-G2** to your Windows laptop using the **USB-C port**. Confirm that Windows recognizes the USB connection before proceeding.

---

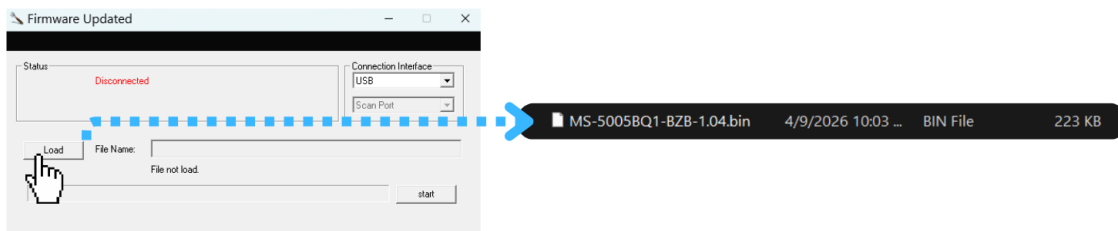
## Step 2: Launch the Firmware Tool



1. Open the extracted firmware package folder.
2. Launch the **FirmwareWriter** application.
3. If Windows displays a security warning about an unrecognized app:
  - Click **More Info**
  - Select **Run Anyway***(This warning appears because the application is not a Microsoft Store app.)*

---

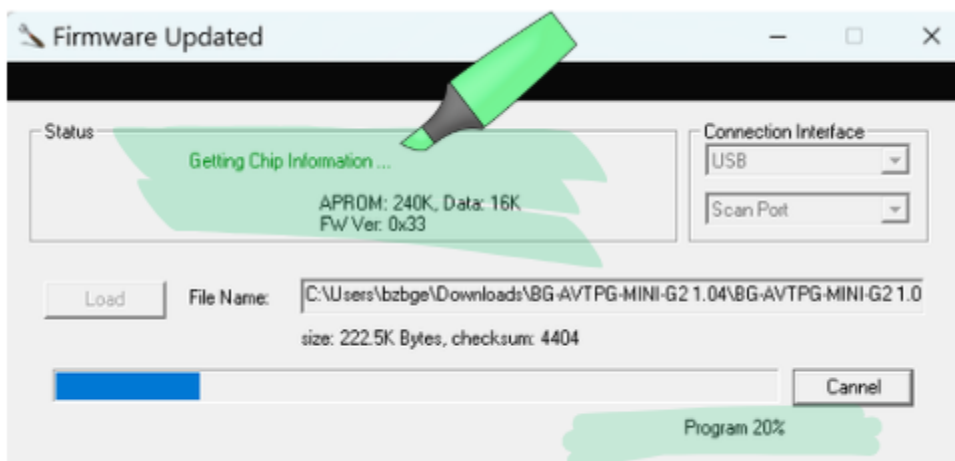
## Step 3: Load and Apply the Firmware



1. In the FirmwareWriter tool, click **Load**.
2. Select the firmware file (example: **MS-5005BQ1-BZB-1.04.bin**).
3. Click **Start**.

**Note:** The tool may initially show the device as *Disconnected*. This is normal.

4. After clicking **Start** and confirming the firmware file is recognized:
  - **Power cycle the unit** (turn it off, then back on).
5. The device will reconnect automatically and begin the firmware update.



**⚠ Important:**

Do **not** disconnect the USB cable, close the application, or power off the unit while the update is in progress.

---

## Step 4: Verify the Update

Once the update is complete:



1. Power cycle the device again.
2. Confirm the new firmware version appears in the **top-left corner** of the display (example: **Ver 1.04**).

---

If you encounter any issues during the update process, contact **support@bzbgear.com** for assistance.