

Firmware Upgrade Instructions for HuddlecCamHD 3X-G2 Defaulted Image Flip

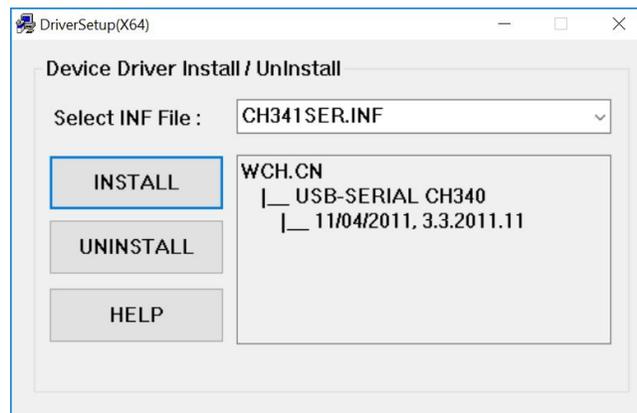
(Generated on 9/11/2017 by MID)

Update Notes: This firmware will allow you to update your existing HuddleCamHD 3X-G2 camera for a defaulted image flip. This will not prevent you from flipping the image up-right but does default the image to an flipped state.

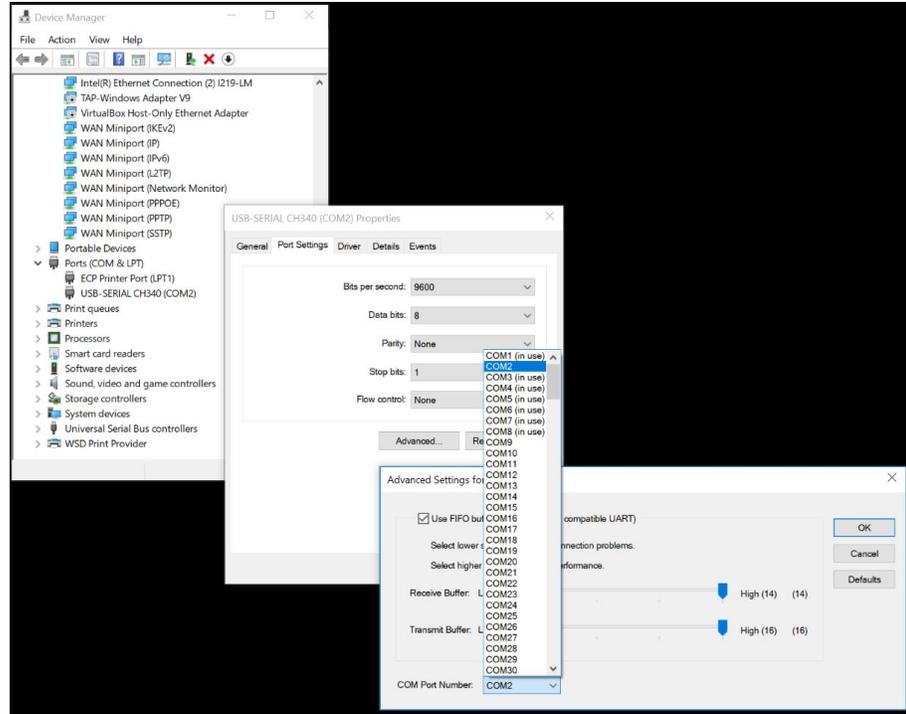
Please download the following collection of firmware files and tools to upgrade the firmware with: <https://www.dropbox.com/sh/6oscr16lcf52fi7/AAAgKE7OhxtZyNV4908rta0Qa?dl=0>

STEP 1 “Custom Control Driver Installation”

1. Open folder titled “STEP_1...” from within the folder you downloaded above
2. Run “SETUP.exe” to install driver file to the Windows Operating System
 - a. Click on the “INSTALL” button to install the driver as shown below



- b. Once completed please click the “OK” button
3. Close the Driver Installation Software window
4. Plug your HuddleCamHD 3X-G2 camera into an available USB port and then plug the camera into a live outlet for power
 - a. Allow the camera to complete its bootup sequence
 - b. Open Windows “Device Manager”
 - i. Scroll down to “Ports (COM & LPT)” and expand the option
 - ii. Locate “USB-SERIAL CH340” in the list of available COM ports
 1. If “USB-SERIAL CH340” has (COM1), (COM2), (COM3) or (COM4) listed please skip steps below
 2. Right click on “USB-SERIAL CH340” and select “Properties”
 3. Select the “Port Settings” tab
 4. Click on the “Advanced” button
 5. Use the drop down menu to select a COM Port between 1 - 4 as shown below

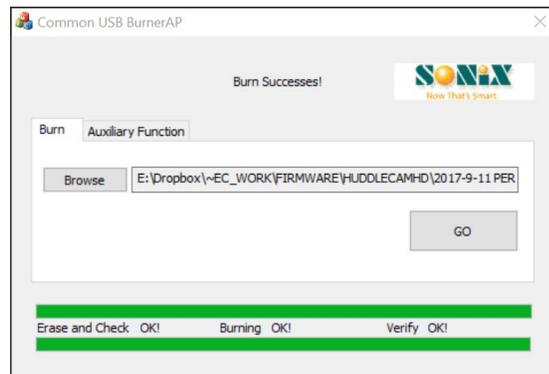


6. Click the “OK” button
 7. Click the next “OK” button
 - iii. In “Device Manager” you should now see the “USB-SERIAL CH340” listed with the COM port you just selected above
 - iv. Right click on “USB-SERIAL CH340” and select “Disable”
 - v. Once the port has been fully disabled right click again to “Enable”
5. You are now ready for Step 2 of the upgrade process detailed below...

STEP 2 “USB Firmware Upgrade”

1. With your HuddleCamHD 3X-G2 still connected to your PC and to power please follow the steps below
2. Open folder titled “STEP_2...” from within the folder you downloaded above
 - a. Open the folder titled “USB Upgrade Tool”
 - b. Launch the executable file titled “USB_XU_BurnerAP.exe”
 - c. Click on the “Browse” button
 - i. Navigate to the *.SRC file in the “STEP_2...” folder titled “HuddleCamHD_V1.7_P_720P30_20170911_MJPG.src”
 - ii. Click the “GO” button
 - d. The process will take less than two (2) minutes to fully complete and once you see the message “Verify OK!”, as shown below, you can close the

USB_XU_BurnerAP application



STEP 3 “SoC Firmware Upgrade”

1. With your HuddleCamHD 3X-G2 still connected to your PC and to power please follow the steps below to complete the firmware upgrade
2. Open folder titled “STEP_3...” from within the folder you downloaded above
 - a. Open the folder titled “Debugger PTZ Control Software V1.5”
 - b. Install the “Debugger PTZ Control Software V1.5.exe” on your Windows Operating System.

Note: The default location of the installation is “C:\Program Files (x86)\My Product Name”

- c. Launch “HD Camera Debugger.exe” software that was just installed
 - i. You may receive an error upon launch that reads “Invalid port number” please click “OK”
 - ii. In the drop down menu for “Port” please select the COM port (1 - 4) assigned to the camera / USB-SERIAL CH430 in “STEP_1...” above
Note: Click on ANY directional control button on the debugger software to verify that you have control over the camera
 - iii. Click on the “Import the file...” button
 1. Navigate to the *.HEX file in the “STEP_3...” folder titled “HD652ML HD652MM HD653MLW_80°_N_V2.2.1.6_2017.09.02.Hex”
 2. Click the “Open” button
 - iv. Click the “Start” button
 1. This process may take up-to 5 minutes to fully complete
 2. The camera will go through the boot-up procedure once the firmware has been fully loaded to the camera
 3. Once the boot-up procedure has completed go to the “Preset” section of the “HD Camera Debugger” software and enter in the “Num” section “94”
 - a. Click on the “Call” button
 - b. The camera will go through another boot-up procedure
3. Open any software to view the camera and you will now see it default to a flipped state