

Hotkey Chip Re-programming Guide

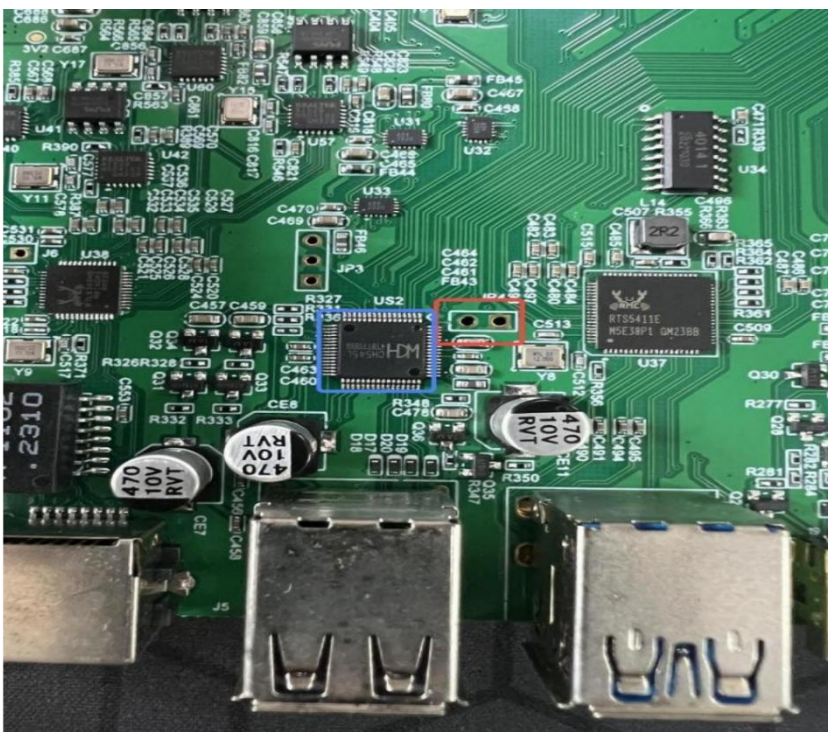
Before updating the KVM by opening the shell and reprogram the hotkey chip, please prepare the following tools in advance:

- ✓ A Screwdriver for removing all the screws
- ✓ A USB-A to USB-A cable or USB-C to USB-A cable capable of data transfer
- ✓ A pair of metal tweezers or a piece of conductive wire

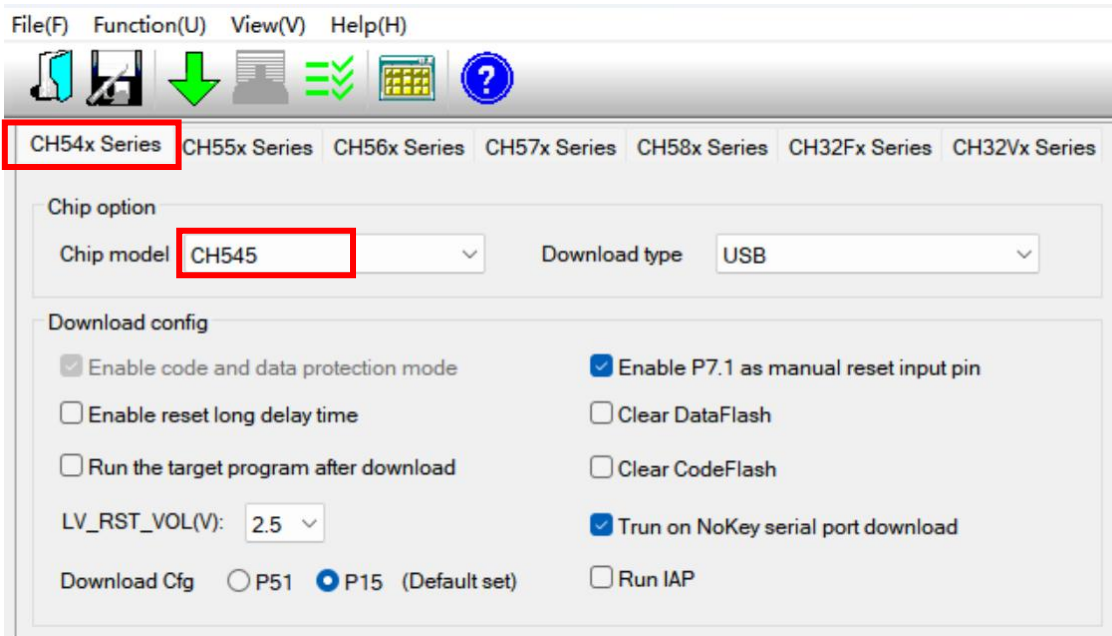


Step 1: Remove all screws to open the KVM casing. In general, there are a total of nine screws on the outer shell (3 on top, 5 on the back panel).

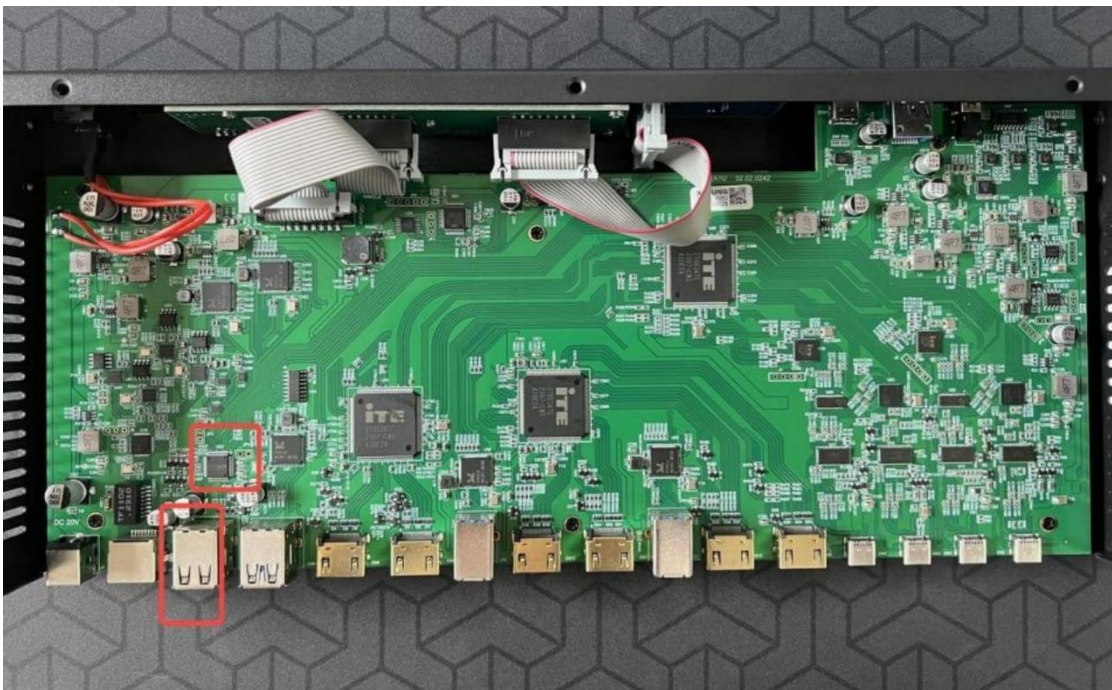
Step 2: Locate the **545 chip** on the circuit board, and then short-circuit the **two holes** using a pair of metal tweezers or a piece of conductive wire. (As shown in the picture below, there are two holes or connection points related to the 545 chip that need to be connected electrically.)



Step 3: Open the programming software on the computer, select "CH54x Series" section and choose the "CH545" chip model.



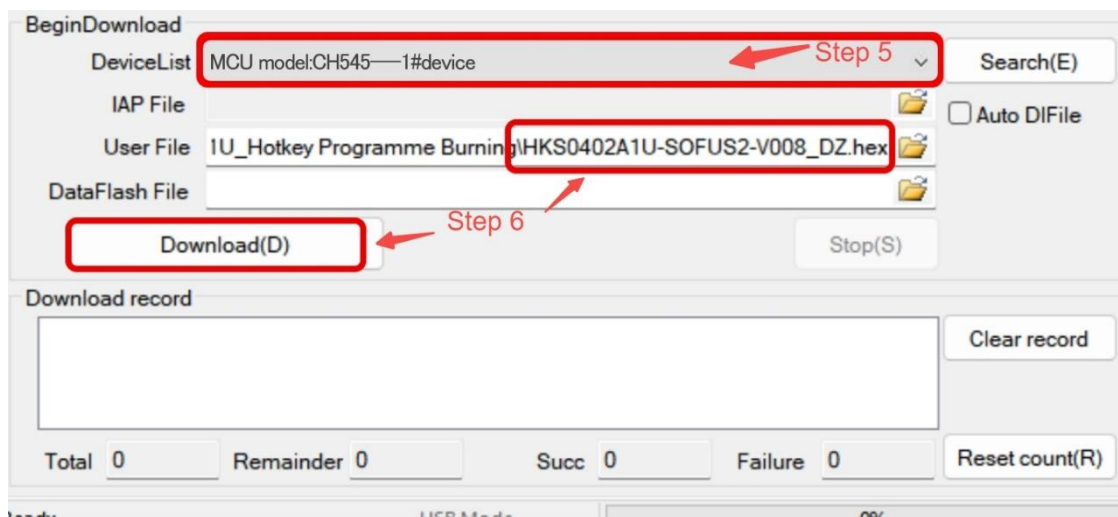
Step 4: Using the USB-A to USB-A cable or USB-C to USB-A to connect your computer to the **lower port** of the dedicated keyboard and mouse ports on the KVM.



Step 5: The "CH545 device" should be automatically detected on the "Device List". If not, you may need to unplug and re-plug the connection cable and click "Search(E)", the "CH545" should then automatically appear. If still not, please try unplugging and **tightly** re-plugging the metal tweezers, connect the KVM power adapter and turn it on. Then the "CH545" device title should be on the list.

Of note: The KVM itself does not need to be powered on at first, but if the "CH545 device" doesn't automatically pop up on the "Device List" you could connect the KVM power adapter and turn it on. The "CH545 device" title should then appear in the list.

Step 6: Once the device title has popped up, please select the upgrade programme file, and click "Download".



Step 7: Wait for the upgrade procedure bar to reach 100%, indicating a successful upgrade.

