

# How to update a HCT-Smart-Dongle

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## Precondition

- Operating System Windows 10/11
- Local administration rights on your PC
- A free USB Port on your PC

## Workflow

- Remove the Cover from the dongle
- Plug the dongle into your PC
- Reset the dongle by pressing with a needle or a narrow and pointed object through the hole next to the LED of the dongle.
- The LED of the dongle is pulsing slowly
- Now you can start the Program 'HCT Smart Dongle Updater Vx.x.x.exe as administrator

## Result in the Window (Example)

```
Start Firmware-Flasher for HCT-Dongle
Flashing Firmware-Version: 1.8.5
Use Port: COM134
[#####] 100%
Device programmed.
```

## Possible Error Scenarios

### No Dongle or Dongle not reset to update mode

```
Start Firmware-Flasher for HCT-Dongle
Flashing Firmware-Version: 1.8.5
[WARNING] No dongle in update mode detected.
Please make sure the dongle is connected and reseted in update mode.
Available Ports:
[1] COM133 - Serielles USB-Gerät (COM133)
[2] COM3 - Sierra Wireless EM7455 Qualcomm Snapdragon X7 LTE-A DM Port (COM3)
[3] COM4 - Sierra Wireless EM7455 Qualcomm Snapdragon X7 LTE-A NMEA Port (COM4)
[4] COM5 - Sierra Wireless EM7455 Qualcomm Snapdragon X7 LTE-A WWAN Modem
Would you like to try again? (y/n):
```

This indicates that

- the dongle is not plugged in or
- the dongle has switched back to the normal operation mode or
- the system could not find the dongle in the bootloader mode.

- plug in the dongle and reset it
- If the dongle LED is pulsing slowly then pres 'y'
- otherwise press 'n' to exit

## Wrong Dongle

```
Use Port: COM135
[-----] 0%
[Error while flashing procedure] Response Code InvalidObject

Press Enter to finish...
```

This indicates that

- the dongle has a too old FW-Version or
- the dongle is not a HCT-SMART Dongle but a HCT-Windwos App Dongle

- Make sure you have connected and reseted a HCT-Smart Dongle
- Otherwise please connect Hoffmann Supply Chain