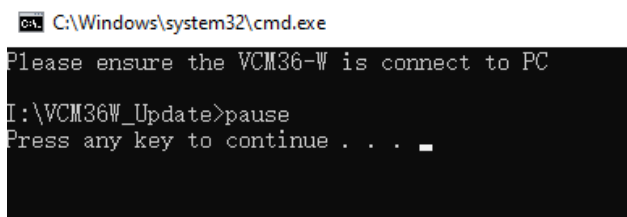


Procedure

1. Extract the contents of the zip file to a plain English directory. (for example, D:/Tool)

Note: It may cause the tool to run abnormally if there is a non-English word in the directory.

2. Click and run the tool: **VCM36W_Updat.bat**.
3. Connect the VCM36-W to the PC.
4. Press any key to start upgrading.



```
C:\Windows\system32\cmd.exe
Please ensure the VCM36-W is connect to PC
I:\VCM36W_Update>pause
Press any key to continue . . . _
```

5. After the upgrade process starts, the system will promote another CMD window, the CMD window will quickly scroll the screen, and the upgrade will take about 60 s. Once it completes upgrading, the CMD window will be shut automatically.

The first screenshot shows the directory structure of the VCM36-W upgrade files. The second screenshot shows the log output of the upgrade process, indicating a successful upgrade to version 18.410.0.20.

```

C:\Windows\system32\cmd.exe

Directory of I:\VCM36W_Update\UsbUpgrader

08/15/2022 09:03 AM <DIR>      .
08/15/2022 09:03 AM <DIR>      ..
10/19/2021 05:06 PM <DIR>      bad conversion
07/01/2021 09:39 AM          69,120 common.dll
07/01/2021 01:33 AM          19,456 configmanager.dll
06/30/2021 11:44 PM          18,130 device.xml
01/17/2020 08:48 AM          368,640 DFUEngine.dll
07/26/2022 03:48 PM <DIR>      drivers
07/01/2021 01:32 AM          26,112 dskfile.dll
07/01/2021 01:32 AM          40,448 dskinifile.dll
07/01/2021 01:32 AM          19,456 dsklog.dll
07/01/2021 01:34 AM          99,328 dskthread.dll
07/01/2021 01:33 AM          296,448 ETLlib.dll
07/26/2022 03:48 PM <DIR>      rom_after
07/26/2022 03:57 PM <DIR>      rom_before
06/29/2021 04:18 PM          3,325,440 usbcom-Release.dll
07/01/2021 11:17 AM           75,776 UsbUpgrader.exe
08/08/2022 03:01 PM <DIR>      UsbUpgraderLog
07/01/2021 01:32 AM           65,024 ylstl.dll
               12 File(s)      4,423,378 bytes
               7 Dir(s)      283,756,216,320 bytes free

I:\VCM36W_Update\UsbUpgrader\UsbUpgrader.exe

dsklog simple init:log mod:[1] log type[3] log level[7] log file[I:\VCM36W_Update\UsbUpgrader\UsbUpgraderLog\2022-8-15-
9-4-2.log] log name[GUI]
[D:Who?+19992:28196] 08-15 09:04:02.033 498412.749824 Registering thread "CCServer" (28196)...
[usb upgrade server] [init server] dst rom path is empty in app params, query path[rom_before].
[usb upgrade server] [init server] find rom in cur dir path, val[rom_before\VCM36-W-NEW-18.410.0.20.rom].
[usb upgrade server] [init server] app param init ret[1], rom[rom_before\VCM36-W-NEW-18.410.0.20.rom].
[usb upgrade server] [app begin] rom path[rom_before\VCM36-W-NEW-18.410.0.20.rom]
[usb upgrade server] [app begin] rom[VCM36-W-NEW - 18.410.0.20] map dev cnt[1], list{ 803143D080000233 }
[usb upgrade server] [app begin] dev[803143D080000233] upgrade ret[1][exec upgrade success, ori_ver[18.410.0.15], dst_ver[18.410.0.20]].
[usb upgrade server] [app begin] not upgrade all dev.
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade begin. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[0.014445]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[0.028889]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[0.260004]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[0.491119]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[0.722234]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[0.953348]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[1.184463]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[1.415578]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[1.646692]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[1.877807]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[2.108922]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[2.340037]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[2.571151]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[2.802266]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[3.033381]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[3.264495]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[3.495610]. }
[usb upgrade server] upgrader msg: dev[803143D080000233] event{ upgrade process[3.726725]. }
  
```

- If you want to double-check the VCM36-W is upgraded successfully, you can repeat step 3-5. When the hint following appears, it means the upgrading is successful, and now the version of VCM36-W is 18.410.0.20.

```

I:\Download\WiFiMic_Update\UsbUpgrader\UsbUpgrader.exe

dsklog simple init:log mod:[1] log type[3] log level[7] log file[I:\Download\WiFiMic_Update\UsbUpgrader\UsbUpgraderLog\2022-8-8-9-3-49.log] log name[GUI]
[D:Who?+19620:18124] 08-08 09:03:49.399 364053.804554 Registering thread "CCServer" (18124)...
[usb upgrade server] [init server] dst rom path is empty in app params, query path[rom_before].
[usb upgrade server] [init server] find rom in cur dir path, val[rom_before\VCM36-W-NEW-18.410.0.20.rom].
[usb upgrade server] [init server] app param init ret[1], rom[rom_before\VCM36-W-NEW-18.410.0.20.rom].
[usb upgrade server] [app begin] rom path[rom_before\VCM36-W-NEW-18.410.0.20.rom]
[usb upgrade server] [app begin] rom[VCM36-W-NEW - 18.410.0.20] map dev cnt[1], list{ 503143D070000200 }
[usb upgrade server] [app begin] dev[503143D070000200] upgrade ret[0][ver is same, rom_ver[18.410.0.20] dev_ver[18.410.0.20].no dev upgrade].
  
```

- If you need to upgrade another VCM36-W, please repeat step 3-5.

```
C:\Windows\system32\cmd.exe

Directory of I:\Download\WiFiMic_Update\UsbUpgrader

07/26/2022 03:48 PM <DIR> .
07/26/2022 03:48 PM <DIR> ..
10/19/2021 05:06 PM <DIR> bad conversion
07/01/2021 09:39 AM 69,120 common.dll
07/01/2021 01:33 AM 19,456 configmanager.dll
06/30/2021 11:44 PM 18,130 device.xml
01/17/2020 08:48 AM 368,640 DFUEngine.dll
07/26/2022 03:48 PM <DIR> drivers
07/01/2021 01:32 AM 26,112 dskfile.dll
07/01/2021 01:32 AM 40,448 dskinfile.dll
07/01/2021 01:32 AM 19,456 dsklog.dll
07/01/2021 01:34 AM 99,328 dskthread.dll
07/01/2021 01:33 AM 296,448 ETLLib.dll
07/26/2022 03:48 PM <DIR> rom_after
07/26/2022 03:57 PM <DIR> rom_before
06/29/2021 04:18 PM 3,325,440 usbcom-Release.dll
07/01/2021 11:17 AM 75,776 UsbUpgrader.exe
08/05/2022 04:47 PM <DIR> UsbUpgraderLog
07/01/2021 01:32 AM 65,024 ylstl.dll
12 File(s) 4,423,378 bytes
7 Dir(s) 295,155,408,896 bytes free

I:\Download\WiFiMic_Update\UsbUpgrader>start UsbUpgrader.exe -q rom_before
If you want to upgrade another VCM36-W, please replace the current connected device.

I:\Download\WiFiMic_Update\UsbUpgrader>pause
Press any key to continue . . .
```

Note

If the CMD window stops and prompts the hint “**Scan dev failed, err[]**”, please do the following:

```
I:\Download\WiFiMic_Update\UsbUpgrader\UsbUpgrader.exe

asklog simple init:log mod:[1] log type[3] log level[7] log file[I:\Download\WiFiMic_Update\
022- 8- 8-14-59-25.log] log name[GUI]
[D:Who?+13376:23580] 08-08 14:59:25.015 885389.727610 Registering thread "CCServer" (23580)
[usb upgrade server] [init server] dst rom path is empty in app params, query path[rom_be
[usb upgrade server] [init server] find rom in cur dir path, val[rom_before\VCM36-W-NEW-1
[usb upgrade server] [init server] app param init ret[1], rom[rom_before\VCM36-W-NEW-18.4
[usb upgrade server] [app begin] rom path[rom_before\VCM36-W-NEW-18.410.0.20.rom]
[usb upgrade server] [app begin] scan dev failed, err[]
```

1. Check the connection between VCM36-W and PC.
2. Run the **Task Manager** and stop **RoomConnect Tool Service**, and try again.

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Name	Status	60% CPU	61% Memory	1% Disk	0% Network	F
nginx.exe (32 bit)		0%	1.0 MB	0 MB/s	0 Mbps	^
nginx.exe (32 bit)		0%	0.8 MB	0 MB/s	0 Mbps	
PresentationLauncher.exe (32 bit)		0.2%	2.6 MB	0 MB/s	0 Mbps	
> Qualcomm Atheros Universal W...		0%	0.6 MB	0 MB/s	0 Mbps	
> Realtek Audio Service		0%	0.7 MB	0 MB/s	0 Mbps	
Realtek HD Audio Manager		0%	2.8 MB	0 MB/s	0 Mbps	
> redis-server.exe		0%	4.8 MB	0.1 MB/s	0 Mbps	
RoomConnect Tool Service (32 ...)		0%	19.3 MB	0 MB/s	0 Mbps	
> Runtime Broker		0%	3.3 MB	0 MB/s	0 Mbps	
> Runtime Broker		0%	4.5 MB	0 MB/s	0 Mbps	
Runtime Broker		0%	2.8 MB	0 MB/s	0 Mbps	
SCNotification		0%	18.4 MB	0 MB/s	0 Mbps	
> Search		0%	0 MB	0 MB/s	0 Mbps	
> Service Host: Local System		0%	1.9 MB	0.1 MB/s	0 Mbps	

< >

^ Fewer details End task