release date:2021-05-13

1. Hardware and Software preparation：

1.1. Connect the QCDU hardware, set the screen resolution　640*480@60Hz　How to set screen resolution.

1.2. (XP11) Install WebFMC plugin.Minimum requirements version 1.7.2 (free version only support ZIBO737)
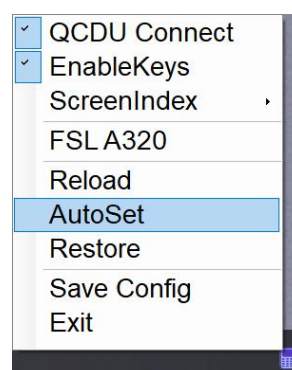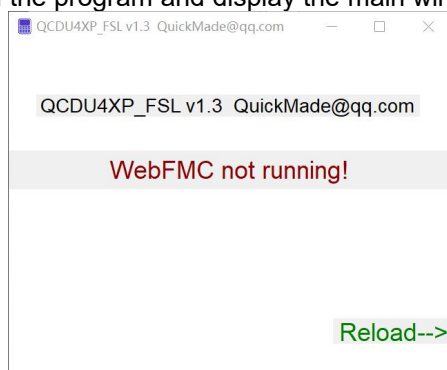WebFMC Pro　$19.99 Purchase link：https://store.x-plane.org/WebFMC-Pro_p_814.html
WebfFMC free ： https://forums.x-plane.org/index.php?/files/file/43314-webfmc/
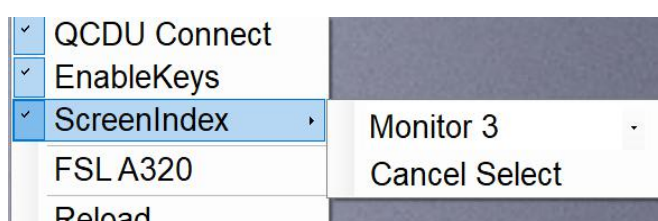
How to install WebFMC plugin

2. Install software：

2.1. Uninstall old version before installation，Run the installer for installation.

2.2. If you need to install FSL A320 compatible, check it.
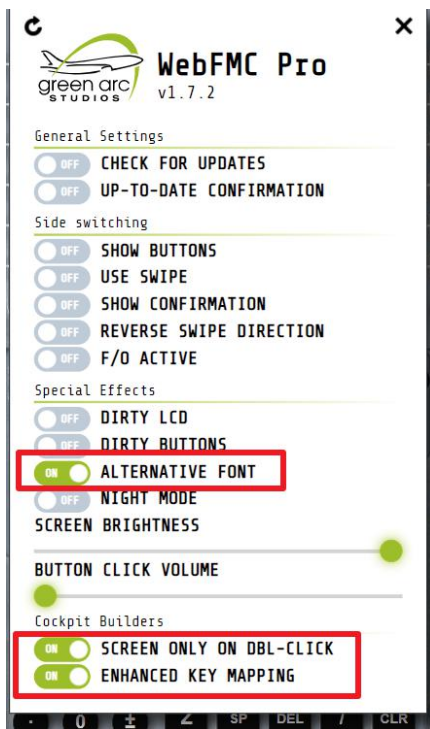
☑ Install FSL A320 plug for Prepar3D v5?

2.3. Connect the USB cable and display interface of QCDU.

2.4. Run the program and display the main window.

2.5. Right-click the taskbar icon to popup a menu, click "AutoSet", and the window will automatically move to the QCDU hardware screen 中。

2.6. Click "Save Config" to save the settings, click "Exit" to exit the program, then run the software again, and the window will automatically move to the QCDU screen.（Advanced：Check the display number has been automatically assigned in "ScreenIndex", checked means that automatic adjustment is being used。）

2.7. Run X-Plane 11 (WebFMC plug-in has been installed)，After entering the main menu of X-plane, you can click "Reload" in the menu of QCDU4XP_FSL or press the "Right 6" button on the top of QCDU hardware to reload and recognition server。

2.8. The first time you run the program, there will be an instruction to accept cookies, and the settings will be saved in the your computer. Click the red arrow to Accept。

2.9. Then click on the yellow arrow place to enter the setting page. The red rectangular area needs to be ON, and the other options are selected according to needs. I have turned them off. Then close the interface.。
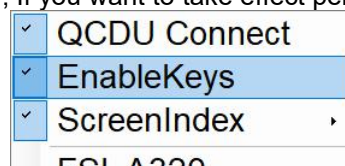
2.10. Double-click the CDU screen in the interface to enter the full-screen state, now the setting is complete, load the aircraft and start the game.
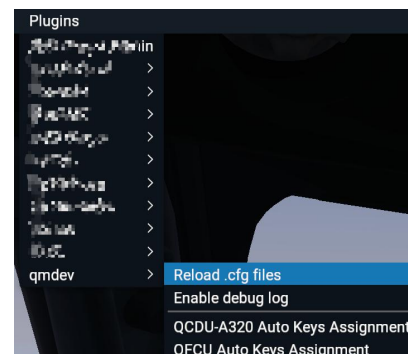
Next time, just to run QCDU4XP_FSL ,no need to set it again.It will automatic move the window to QCDU screen.

If you have installed Qmdev plugin, it is also compatible with other plugins.The button will be double-pressed，Just use one of the following. (Choose one)
① 1.Click "EnableKeys" in the menu to close the keys input,and use the X-Plane system or Qmdev plug to process the QCDU input events now, If you want to take effect permanently, click "SaveConfig".
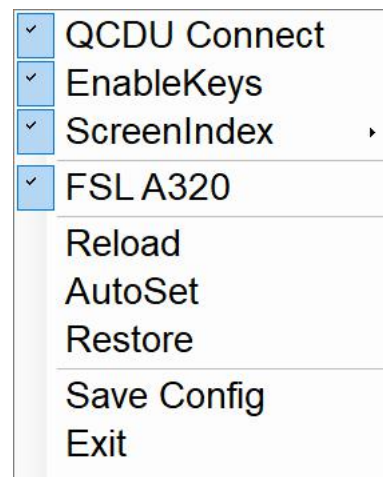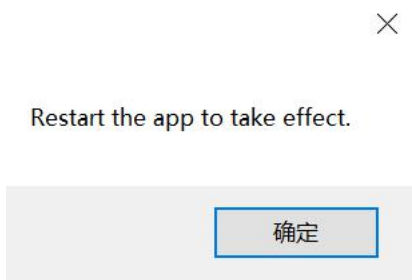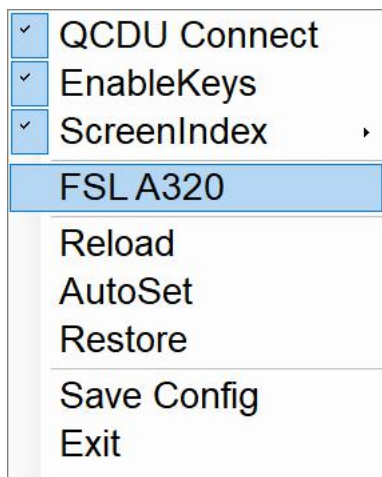

② Remove the configuration file of the aircraft in " X-Plane 11\Resources\plugins\qmdev\cfg "，and click "Reload.cfg files" in the menu.of X-plane Plugins menu..

3. FSL A320 Mode

3.1. Click "FSL A320" in the menu, a messagebox prompts to restart the program to take effect, click OK the app will automatically exit. Start the program again "FSL A320" has been avtived.。

3.2. At this time, it is in FSL A320 mode, repeat the operation again to switch to WebFMC mode.

FSL A320 has no settings and can be used directly.

4. [Advanced Settings]

Menu function：

QCDU Connect :   Show whether QCDU hardware is connected

EnableKeys: Whether to enable keyboard input, after unchecked the qcdu4xp_fsl program will not read the keyboard input。This option needs "Save Config" to save to the profile.

ScreenIndex: The monitor number is displayed on the right. "Checked" means that the settings are found in the profile. When the program is started, the screen will be automatically found and the window will be moved to QCDU.If you manually choose to specify a new screen (don't select a Primary screen), choose to "cancel select", it will be set to empty, and the window will not be moved automatically when the app start.This option needs "Save Config" to save to the profile.

FSL A320:   Switch to FSL mode, click to save automatically, and close the program .Restart the app,checked means it is in FSL A320 mode。Click again to cancel FSL mode and switch to WebFMC mode.。

Reload: Run the program first and then run XP, the server cannot be detected when the app starts, and it needs to be reloaded at this time. You can also press the "right 6" key on the top of QCDU screen .

AutoSet: Automatic recognition and moving window to QCDU,QCDU screen resolution should be set to 640x480@60Hz first.
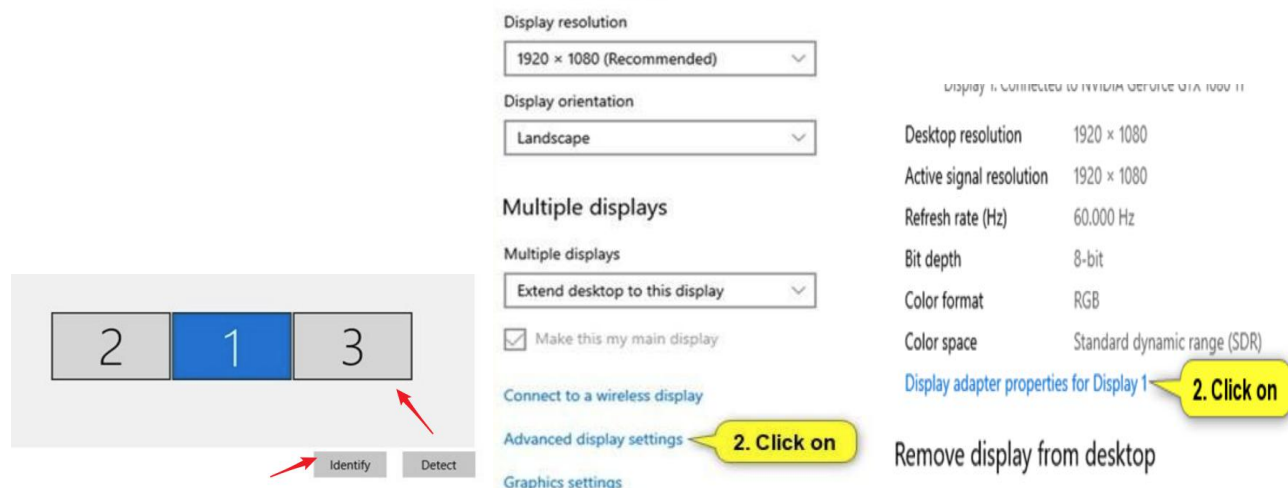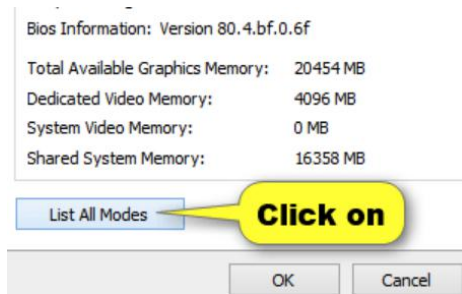
Restore: this item is used when testing and developing.

Save Config: Act on "EnableKeys", "ScreenIndex" state preservation

Exit: exit the app.

5. How to set screen resolution

Desktop right-click --Display settings -- Identify（display screen number）--select the screen of QCDU -- Advanced display settings --Display adapter properties for Display x -- List all modes -- select 640x480 60Hz -- Apply ,OK

6. How to install WebFMC plugin

- just unpack the zip file and place WebFMC folder in the Resources/plugin directory of your X-Plane 11 installation
- The Pro version requires license file. webfmc-lic.txt – should be copied into WebFMC folder
- Note：WebFMC Free and Pro are different binaries.
- For more detailed , open WebFMC Manual.pdf in the WebFMC directory.

7. FAQ：