

Dell Display Manager User's Guide

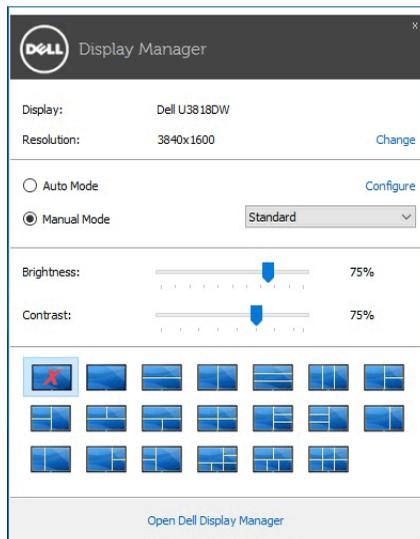
Overview

Dell Display Manager is a Microsoft Windows application used to manage a monitor or a group of monitors. It allows manual adjustment of the displayed image, assignment of automatic settings, energy management, window organization, image rotation, and other features on select Dell monitors. Once installed, Dell Display Manager runs each time the system starts and places its icon in the notification tray. Information about monitors connected to the system is available when hovering over the notification-tray icon.



Using the Quick Settings Dialog

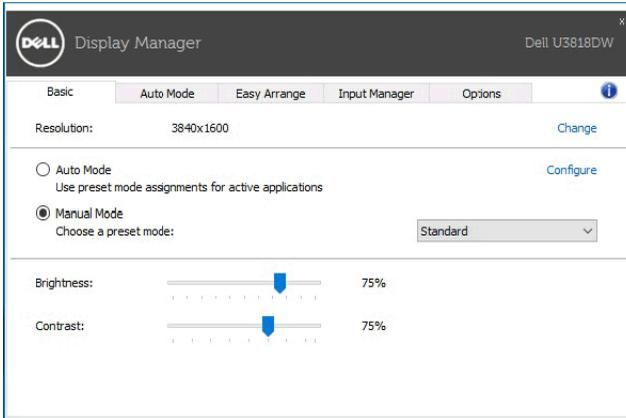
Clicking Dell Display Manager's notification tray icon opens the **Quick Settings** dialog box. When more than one supported Dell monitors are connected to the computer, a specific target monitor can be selected using the menu. The **Quick Settings** dialog box allows you to easily adjust the brightness, contrast, resolution, window layout, and so on. It also allows you to enable automatic switching between preset modes or to select a preset mode manually.



The **Quick Settings** dialog box also provides access to Dell Display Manager's advanced user interface that is used to adjust basic functions, configure auto mode and access other features.

Setting Basic Display Functions

You can manually select a preset mode or you can select **Auto Mode** that applies a preset mode based on the active application. An onscreen message momentarily displays the current **Preset Mode** whenever it changes. The selected monitor's **Brightness** and **Contrast** can also be directly adjusted from the **Basic** tab.



Assigning Preset Modes to Applications

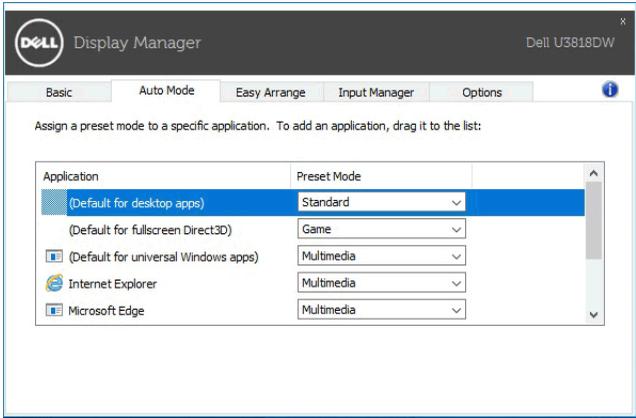
The **Auto Mode** tab allows you to associate a specific **Preset Mode** with a specific application, and apply it automatically. When **Auto Mode** is enabled, Dell Display Manager automatically switches to the corresponding **Preset Mode** whenever the associated application is activated. The **Preset Mode** assigned to a particular application may be the same on each connected monitor, or it can vary from one monitor to another.

Dell Display Manager is pre-configured for many popular applications. To add a new application to the assignment list, simply drag the application from the desktop, Windows Start Menu or elsewhere, and drop it onto the current list.



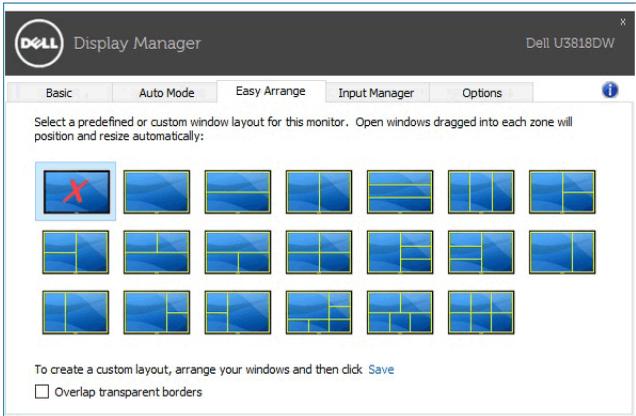
NOTE: **Preset Mode** assignments for batch files, scripts, loaders, and non-executable files such as zip archives or packed files, are not supported.

You can also configure the Game preset mode to be used whenever a Direct3D application runs in full-screen mode. To prevent an application from using mode, assign a different preset mode to it.



Easy Arrange Your Monitor Window Layout

On supported Dell monitors, the **Easy Arrange** tab allows you to easily arrange the open windows in one of the predefined layouts by dragging them in the zones. To create a custom layout, arrange the open windows and then click **Save**.

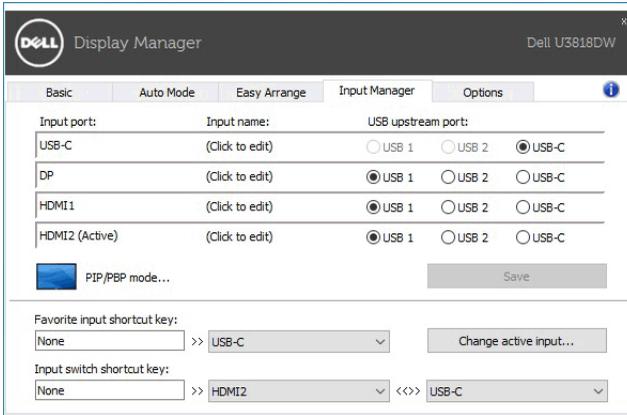


Managing Multiple Video Inputs

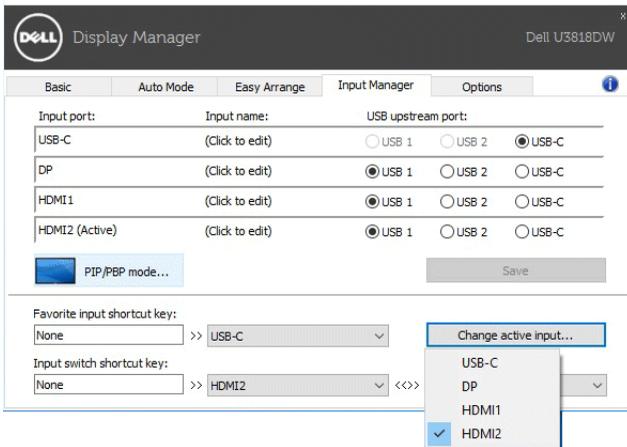
The **Input Manager** tab provides convenient ways for you to manage multiple video inputs connected to your Dell monitor. It makes it very easy to switch between inputs while you work with multiple computers.

All video input ports available to your monitor are listed. You can give each input a name as you like. Please save your changes after editing.

You can define a shortcut key to quickly switch to your favorite input and another shortcut key to quickly switch between two inputs if you often work between them.

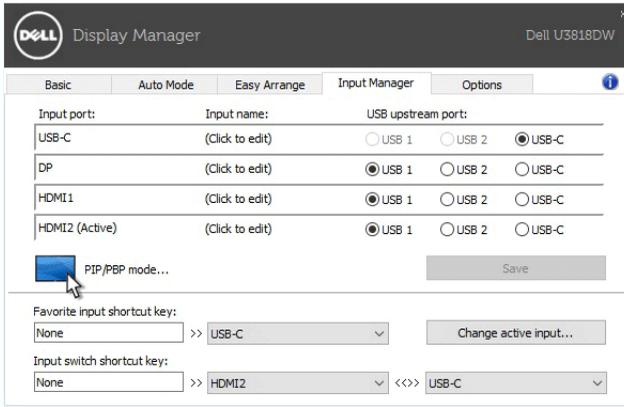


You can use the dropdown list to switch to any input source.



NOTE: DDM communicates with your monitor even when the monitor is displaying video from another computer. You can install DDM on the PC you frequently use and control input switching from it. You may also install DDM on other PCs connected to the monitor.

Click the **PIP/PBP mode** selection button to set the preferred configuration. The available modes are **Off**, **PIP Small**, **PIP Large**, and **PBP**.

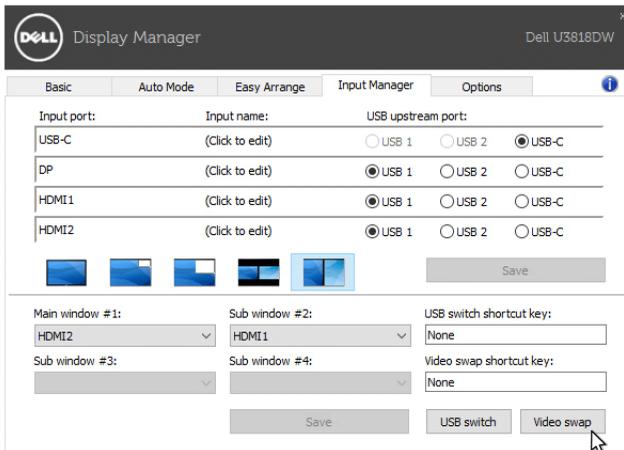


 **NOTE:** The **PBP Aspect Ratio** mode () is not supported by this monitor.

You can select video inputs for your main window and sub window. Please save your change after your selection.

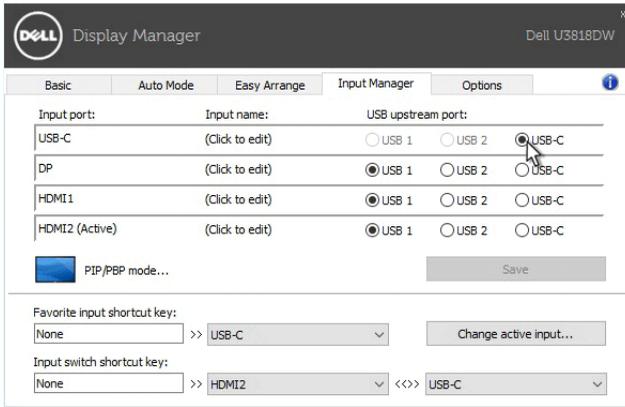
You can define a shortcut key to quickly swap the video inputs between main window and sub window.

Click **Video swap** button or use the defined **Video swap shortcut key** to swap the video inputs between main window and sub window.



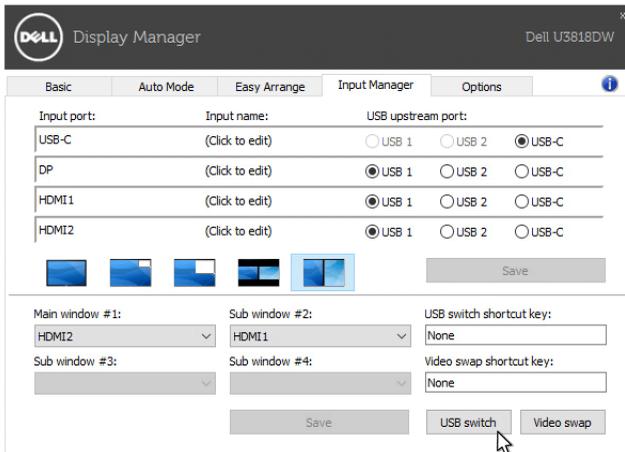
You can assign a USB upstream port with your video input. The assigned USB upstream port will be connected to the computer when its video is showing on the monitor.

It is particularly useful when you share mouse or keyboard which is connected to the monitor between two computers. You can define a shortcut key to quickly switch the device between the two computers.



NOTE: Make sure you have assigned a USB upstream port for each of the two computers.

When PIP/PBP is on, if you share a device (e.g., a mouse) between the two computers, you can click **USB switch** button or use the defined **USB switch shortcut key** to quickly switch the device between the two computers.

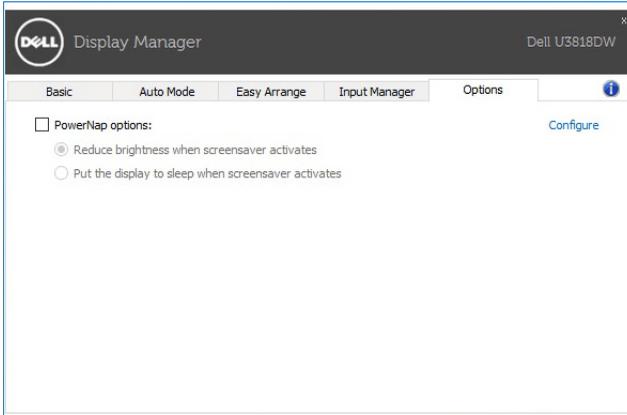


NOTE: Make sure you have assigned a USB upstream port for each of the two computers.

NOTE: Make sure the USB device is properly stopped before you switch it to another computer. Fail to do so may cause problems such as data corruption on a thumb drive.

Applying Energy Conservation Features

On supported Dell models, an **Options** tab is available that provides PowerNap energy conservation options. You can choose to set the monitor's brightness to the minimum level, or to put the monitor to sleep when the screensaver is activated.

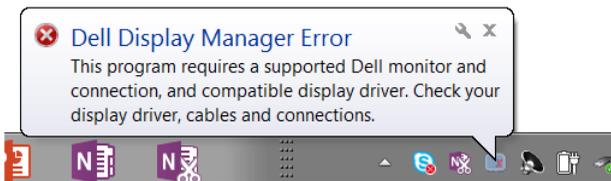


Troubleshooting

If DDM cannot work with your monitor, DDM will show below icon in your notification tray.



Click on the icon, DDM shows a more detailed error message.



Please note that DDM only works with Dell branded monitors. If you are using monitors from other manufacturers, DDM doesn't support them.

If DDM is unable to detect and/or communicate with a supported Dell monitor, please take below actions to troubleshoot:

- 1 Make sure the video cable is properly connected to your monitor and your PC, especially the connectors should be firmly inserted into position.
- 2 Check the monitor OSD to ensure DDC/CI is enabled.

- 3 Make sure you have the correct and latest display driver from the graphics vendor (Intel, AMD, NVIDIA, etc.). Display driver is often the cause of DDM failure.
- 4 Remove any docking stations or cable extenders or converters between the monitor and the graphics port. Some low-cost extenders, hubs or converters may not support DDC/CI properly and can fail DDM. Update the driver of such device if the latest version is available.
- 5 Restart your system.

DDM may not work with below monitors:

- Dell monitor models earlier than year 2013 and D-series of Dell monitors. You can refer to Dell Product Support websites for more information
- Gaming monitors using Nvidia-based G-sync technology
- Virtual and wireless displays do not support DDC/CI
- Some early models of DP 1.2 monitors, it may be necessary to disable MST/DP 1.2 using the monitor OSD

If your PC is connected to the Internet, you will be prompted with a message when a newer version of DDM application is available. It is recommended to download and install the latest DDM application.

You may also check for new version by right clicking on DDM icon while pressing and holding 'shift' key.

