Dual-Monitor Environments with Wacom DTU-1031

Configuring multiple displays

When you install the Wacom DTU-1031 as a second display, Windows will automatically detect the new monitor and provide you with multiple display options. In the Windows display settings, you can choose to:

- Spread the desktop over both monitors (span or extended desktop mode)
- Display the same desktop on both monitors (clone or mirror mode)
- Show your desktop on only one monitor

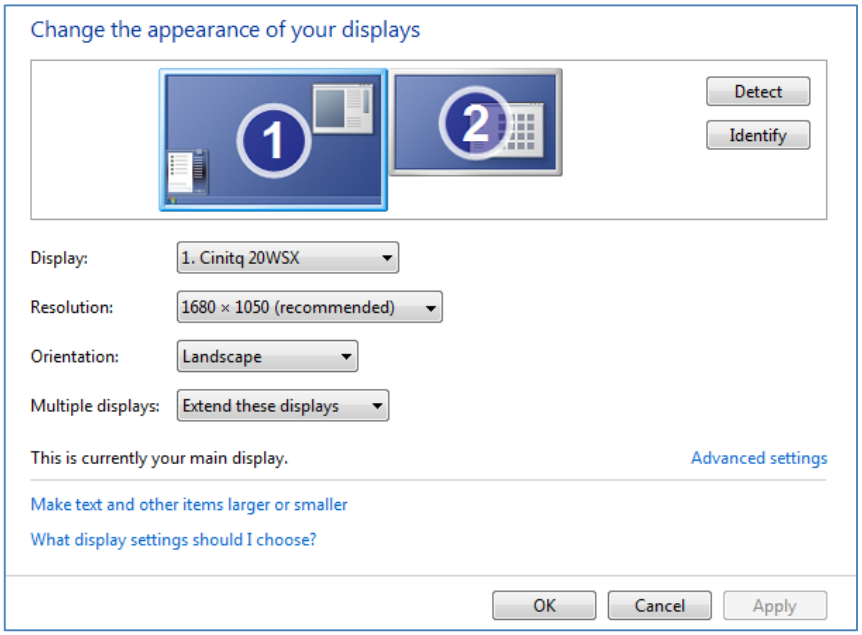
To configure the arrangement of multiple monitors:

Windows XP:

1. Click *Start*, and then click *Control Panel*.
2. Click *Appearance and Themes*, and then click *Display*.
3. Select the *Extend my Windows desktop onto this monitor* check box to extend your display, and unselect it to clone your displays.

Vista and Windows 7:

1. Click on the *Start* button.
2. Click *Control Panel*.
3. Under *Appearance and Personalization*, click *Adjust screen resolution*.
4. Click the drop-down list next to *Multiple displays*, select *Duplicate these displays* or *Extend these displays*, and then click *OK*. To show your desktop on only one monitor, select *Show desktop only on [number]*.

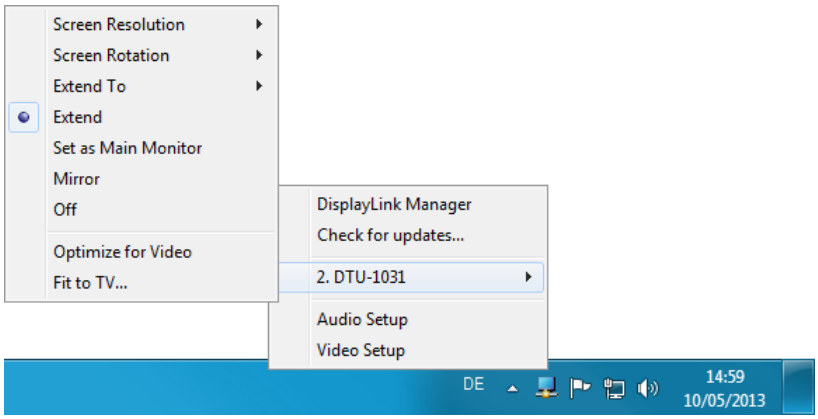


Windows 8:

1. Open the Windows 8 Charm bar by moving the cursor to the upper right screen corner.
2. Click *Devices* or enter *Windows+K* on your keyboard.
3. Click on Second Screen, and select *Duplicate* or *Extend.* To show your desktop on only one monitor, select *PC screen only* or *Second screen only*.

DisplayLink tray application:

1. In the System Tray, click on the blue *DTU-1031* icon.
2. Select *DTU-1031* entry from the menu and apply the desired settings.



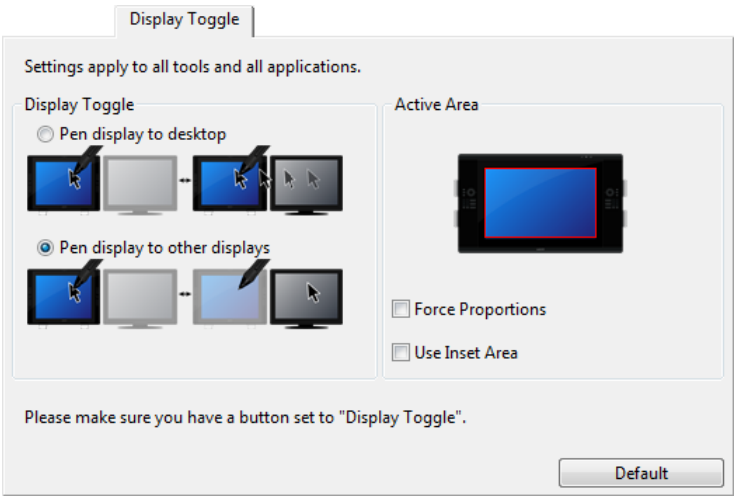
Using Display Toggle

When working with more than one monitor, the pen display will map to the monitors based on how your system is configured. By default, if you are in mirror mode, the pen display will map to the entire space on each monitor.

On systems with multiple displays, the Display Toggle function enables you to toggle the screen cursor between the pen display and other monitors. For example, if you set your pen switch to the Display Toggle function, you can press it to toggle the screen cursor between the pen display and your other displays.

To configure Display Toggle for your Wacom DTU-1031, open the *Wacom Tablet Properties*, select *Functions* and on the *ExpressKeys* tab, assign an ExpressKey with the *Display Toggle* function.

To adjust the behaviour of the Display Toggle function, select *Functions*, and then the *Display Toggle* tab.



For information on how to programmatically customizing the ExpressKeys, please refer to http://www.wacomeng.com or refer to the support document:
Customizing ExpressKeys on Wacom DTU-1031

DTU and STU mode

In some situations it may be desirable to disable the pen and the tablet buttons on the DTU until an application enables one or both. For example in situations where the primary PC monitor is used by a bank clerk and the DTU is on the other side of a counter or desk ready for a member of the public to enter a signature. Putting the DTU in "STU mode" prevents the user of the DTU from taking the system cursor over from the clerk who is operating the primary PC monitor.

The two modes are as follows:

1. *DTU mode:* by default, DTU-1031 comes up as a normal display tablet, with full use of pen and buttons on the desktop and in applications.
2. *STU mode:* DTU-1031 comes up with disabled pen and buttons. Applications that are added to the list of applications in the Wacom Tablet Properties, as well as applications that implement the Wintab API are given full pen and button input.

For further details on how to configure the above modes please see
http://gsdt.wacom.eu/support/file/DTU-1031/Wacom-DTU-1031-Operating-Modes.pdf

Configuring multiple displays for signature applications

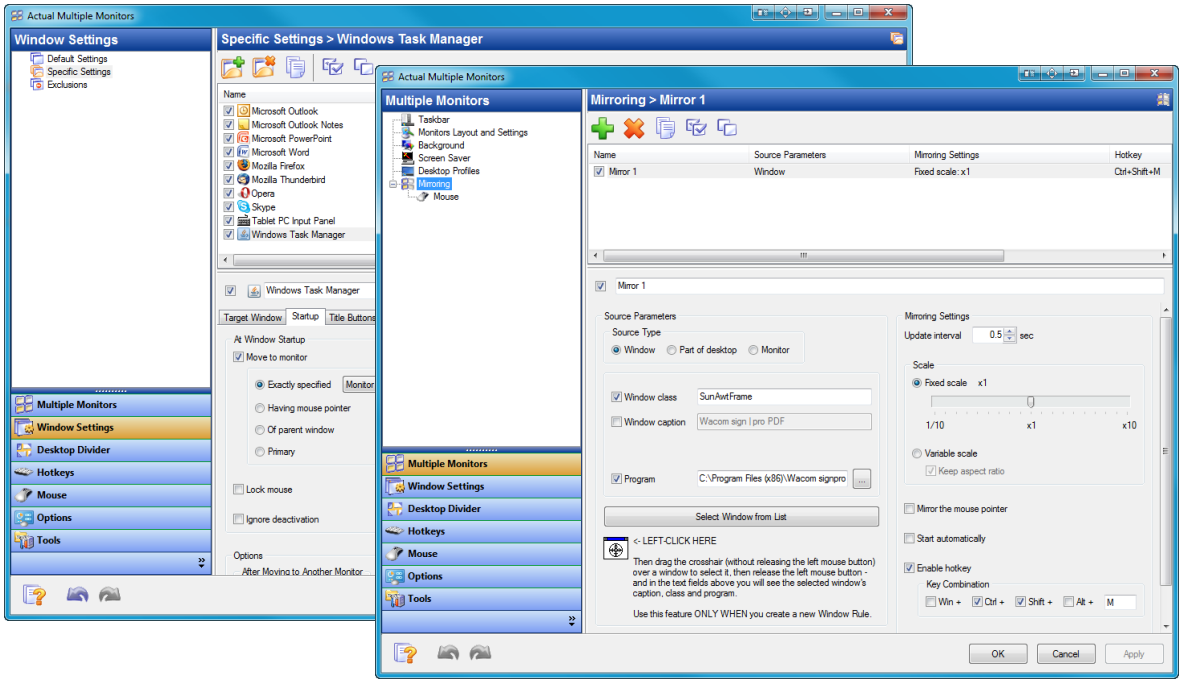
In many cases signature applications are expected to be used in a dual-display environment, where monitors are facing away from each other – typically at the POS. At first sight, it seems to be the best choice to configure the monitors to work in clone mode. However, when monitors with different native resolutions are used, this may lead to a distorted image, or to a large amount of display space remaining unused on the display with the higher native resolution.

In contrast, the extended desktop mode allows both displays to run with its native resolution, but application windows can only be fully displayed on one monitor, not on both at the same time. Also, control over what happens on another display out of sight may be needed. For example, a teller may need to observe and correct the input of a client done on a Wacom DTU-1031, while the client's input should be limited to that device.

To meet these requirements, software designed for multi-monitor systems can be used. Among other features, such software allows observing a certain window or monitor in a separate window on another monitor.

Recommended multi-monitor software

- Actual Tools Actual Multiple Monitors
- Binary Fortress Software DisplayFusion Pro
- Realtime Soft UltraMon



Available features[1)]

- Open application windows on preferred display
- Mirror application windows, parts of the Windows desktop and entire applications on another monitor
- Use a keystroke to move application windows between monitors
- Configure individual wallpapers, screen savers and slide shows separately on each monitor
- Lock the mouse cursor on certain window or monitor
- Confine the mouse cursor to a selected area on the screen
- Display buttons on the title bar of application windows for quick access to frequently used functions
- Customize application-specific settings

[1)] *Individual features may not be available in all recommended solutions*

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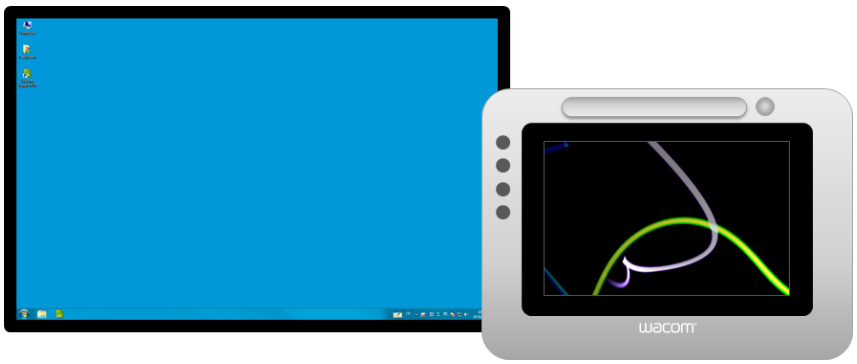
Example with "Actual Multiple Monitors" and Wacom sign | pro PDF

Step 1



- Primary monitor shows Windows desktop
- Wacom DTU-1031 runs screen saver or slide show

Step 2

- Bank teller starts Wacom sign | pro PDF on primary monitor using the mouse
- Wacom DTU-1031 shows custom wallpaper

Step 3

- Teller moves signature application to DTU-1031 using keyboard shortcut
- At the same time Wacom DTU-1031 display is mirrored on primary monitor

Step 4

- Client reviews and signs document using Wacom DTU-1031 pen
- Teller is able to track all tablet input on his primary monitor

Step 5

- Final results are visible on both displays
- End of the signing process can easily be tracked on primary monitor

Step 6

- Teller moves signature application back to primary monitor using keyboard shortcut
- Window mirroring is finished and Wacom DTU-1031 shows custom wallpaper

Above example can be adapted to any other signature application.