

HID Compliance on Planar Touch-Enabled Large Format LCD Displays

Planar, a Leyard company, offers a wide selection of touch-enabled displays that meet the HID (Human Interface Device) standards. HID compliant devices are plug-and-play compatible with mainstream operating systems. In the case of Planar touch-enabled displays, the HID protocol is transmitted via USB connection between the display and the computer.

Windows and Linux operating systems can support multiple touch points while Mac OSX is typically more limited. Regardless, it is possible that the maximum number of touch points supported by the touch sensor exceeds what is supported by the operating system or the program being run. It is recommended to research the number of supported touch points for your operating system of choice.

Within the operating system, each program may have different touch capabilities, and although the operating system may support large number of touch points, it is possible that that program being run supports fewer touch points.

Below is a table summarizing multi-touch support on the large format touch models in Planar's current portfolio.

- The **Maximum Touch Points** column represents the maximum number of simultaneous touch points the touch sensor can support, with or without a driver.
- The **HID Touch Points** column represents the number of touch points supported without a driver.
- The **When to Install Driver** column lists the number of touch points that can be achieved with the installation of a driver.

HID Compliance – Touch-Enabled Large Format LCD Displays			
Flat Panel Model	Maximum Touch Points	HID Touch Points	When to Install Driver
PS4661T	6	2	3-6 touch points
PS5561T	6	6	Never
PS7050T	10	10	Never
PS8250T	10	10	Never
EP5014K-T	6	6	Never
EP5814K-T	6	6	Never
EP6514K-T	6	6	Never
UR7551-ERO-T	32	12	13-32 touch points
UR8451-LX-ERO-T	32	12	13-32 touch points
UR8451-MX-ERO-T	32	12	13-32 touch points
UR9851-ERO-T	32	12	13-32 touch points

If the desired number of touch points is greater than what the HID support will provide, you can download the touch drivers at: <http://www.planar.com/support/drivers-software/touch-screen/>

Additionally, Planar's family of touch desktop monitors also meet the HID (Human Interface Device) standards.

HID Compliance – Touch Desktop Monitors		
Desktop Model	HID Touch Points	When to Install Drives
PT1510MX-RESISTIVE	1	When advanced features are needed or support of an Operating System other than Windows is required
PT1545R-RESISTIVE	1	When advanced features are needed or support of an Operating System other than Windows is required
PT1745R-RESISTIVE	1	When advanced features are needed or support of an Operating System other than Windows is required
PT1945R-RESISTIVE	1	When advanced features are needed or support of an Operating System other than Windows is required
PT1500MX-RESISTIVE	1	When advanced features are needed or support of an Operating System other than Windows is required
PT1700MX-RESISTIVE	1	When advanced features are needed or support of an Operating System other than Windows is required
PXL2230MW – OPTICAL	2	Never
PXL2430MW - OPTICAL	2	Never
PT1545P – PROJECTED CAPACITIVE	10	When advanced features are needed or support of an Operating System other than Windows is required
PT1745P – PROJECTED CAPACITIVE	10	When advanced features are needed or support of an Operating System other than Windows is required
PT1945P – PROJECTED CAPACITIVE	10	When advanced features are needed or support of an Operating System other than Windows is required
PT2245PW – PROJECTED CAPACITIVE	10	When advanced features are needed or support of an Operating System other than Windows is required
PCT2235 – PROJECTED CAPACITIVE	10	Never
PCT2265 – PROJECTED CAPACITIVE	10	Never
PCT2485 – PROJECTED CAPACITIVE	10	Never
PCT2785 – PROJECTED CAPACITIVE	10	Never
PT3285PW – PROJECTED CAPACITIVE	30	Never