BrightSign USB Touch Screen Technote

We support USB touch screens that use standard HID drivers. Supporting standard HID drivers means the touch screen will work any operating system that has HID drivers installed. No drivers from the manufacturer are required. Some manufacturers say they support HID but use custom drivers. We provide custom drivers for Elo products.

- **Elo Touch** - We support all Elo touch technologies except for APR – Acoustic Pulse Recognition. This particular technology requires a lot of processing on the client devices connected to it, more so that the current BrightSign can provide. Intellitouch is the most commonly used technology. Luvox, NEC, Planar, HP, and Sanyo use Elo.

- **3M** - We support 3M DST & Capacitive touch screens using both HID and custom drivers. Touch screen providers using 3M include NEC, Planar, Horizon Displays, Samsung, Sharp, IBM, LG, Asus, Dell, and Sanyo. Supported controllers include:
    - 3M EXII 7010UC – "c" indicates capacitive touch
    - 3M EXII 7760UC
    - 3M EXII 7730HC (HID)
    - 3M DST2270DX - DST touch USB controller

- **eGalax** - We have support for the eGalax driver which several vendors use. Here is a list of eGalax distributors http://home.eeti.com.tw/web20/eg/distributor.htm. Touch screen providers using eGalax include NEC, Dell, and Planar. One reseller of smaller touch screens using the eGalax driver is LinITX.
  http://linitx.com/viewcategory.php?catid=60&pp=60

- **Quanta (e.g., HP, Acer)** – Firmware version 3.2.67 and later includes support for touch screens using the Quanta driver. This includes the HP 2105tm, a 21.5" 1080p screen, and the Acer t230h, a 23" screen. Packard Bell and Planar also use Quanta drivers.

- **Additional Controllers** - We support Nextwindow 2150/2700 and Wacom CapPlus technology (HID) controllers. U-touch UT2700 uses Nextwindow. We plan to add support for Zytronic Displays (HID) and Visual Planet Foils (HID) in the future.

- **Finding USB Touch Controller ID -** You can help us find out what controller your screen uses by locating the USB **VID:PID** for the screen and forwarding it to support@brightsign.biz. You can normally find this information by connecting the touch screen to your computer, and checking properties for it in the **Device Manager**. The touch screen will normally be listed under **Mouse and other pointing devices** or under **Human Interface Devices**.
    1. Right-Click on the touch controller and choose properties
    2. Click on the Details tab in the properties window
    3. Select either Hardware ID or Device Instance ID

    For example: USB**VID_0EEF**&**PID_0001**\\5&262929C3&0&2