

## **SX-ND4050G – Network Display Adapter (NetDA) Frequently Asked Questions**

**Question:** What is the distance the computer can be from the SX-ND4050G?

**Answer:** It supports typical Wi-Fi distance of about 100 feet in an open environment. It could be less if there is interference, or possibly more if it is open air line of sight.

**Question:** What wireless standard is used?

**Answer:** The SX-ND4050G is compatible with 802.11a/b/g/n. It supports either the 2.4GHz or 5GHz band. 5GHz is the default and is recommended so it won't have interference with other wireless devices. Note: If you don't have a computer with dual band (5GHz) wireless capabilities, the initial configuration will require you to connect an Ethernet cable.

**Question:** How does the user connect wirelessly from their computer?

**Answer:** Silex includes Windows NetDA software with our product, which allows any user who has the software installed to easily connect to the display when they are connected to the same network as SX-ND4050G.

**Question:** What if the user has a Macintosh? Can they use SX-ND4050G?

**Answer:** Not at this time. We are considering Mac Support for the future.

**Question:** How many screens can I connect to at one time?:

**Answer:** With a high powered computer, possibly as many as 6. In a typical environment it would be 1 or 2 at a time. Note: In Windows 7 or Windows 8 environments, you can only use 1 monitor in mirror mode (Windows limitation). More than one monitor needs to be used in Extend mode on Win 7/8 (different picture on each screen).

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**Question:** How can I connect to the Internet and the display with SX-ND4050G at the same time?:

**Answer:** SX-ND4050G can be configured for AP (Access Point) mode, or Client/Station (STA) mode. You can configure SX-ND4050G as a Station (STA) and it will connect to the wireless network that is already in place. Or, you can configure it for AP mode, in which case you would need to connect the wired Ethernet port of SX-ND4050G to the Internet if you want connected users to be able to access the Internet from the same wireless connection they use when connecting to the product.

**Question:** How do I change which PC is connected to the display?

**Answer:** Each user that has the NetDA software installed can easily connect, use the display, then disconnect from the software user interface, allowing it to be ready for the next user. Alternatively, you can connect a USB keyboard to SX-ND4050G and configure it with keyboard shortcuts for each so you can automatically change users from the display side.

**Question:** What DisplayLink chipset is used?

**Answer:** DL-165 DisplayLink USB to Video chipset is on the PCBA of the SX-ND4050G

**Question:** What USB Audio Chipset is used?

**Answer:** TI PCM2912A

**Question:** What is the Maximum Resolution and Frame Rate for the Video?

**Answer:** The product supports Full HD 1920 x 1080 resolution. It works great for KIOSK or Touch Screen applications. The Frames Per Second with Full HD video requires a fairly fast computer (see the specifications for “recommended system requirements” in the product brief.

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**Question:** What if I am seeing display or connection issues?

**Answer:** Issues with the SX-ND4050G, especially the ones you are seeing likely have to do with drivers, or wireless interference.

Driver updating is very important as even having an older internal video card driver can affect the video performance on the SX-ND4050G. Please make sure to update to the latest video driver for your internal video card (NVIDIA, or whatever). Also make sure you have updated the DirectX version on your PC.

Consider when doing the installation that you'll want to make sure our products are on an interference free channel. If you have the product on a channel that has any traffic or interference on it, the picture can be affected.

You can check to see which RF channels are not being used and are interference free by using a program like this one:

<http://www.metageek.net/support/downloads/>