

ND-1-EVK Network Display Adaptor

Evaluation Kit for Manufacturers



Use your Display, Keyboard and Mouse over the Network

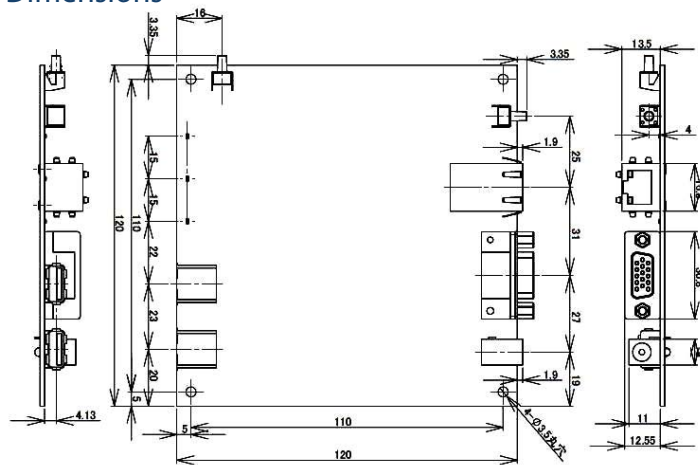
The SILEX Network Display Adaptor (Net-DA) extends a display over a wired or wireless network and turns it into a remote or secondary display to the computer. Up to 6 monitors can be connected to one computer using 6 Net-DAs. Or a single display can be shared by several computers. In addition to this the Net-DA also supports networking computer mice, keyboards and many other USB devices.

The ND-1-EVK is intended for manufacturers in the medical or signage industry to evaluate all the different features of the product and prepare a specification for a private labeled or OEM version of this technology. SILEX can deliver the technology or final product individually customised to the needs of the manufacturer.

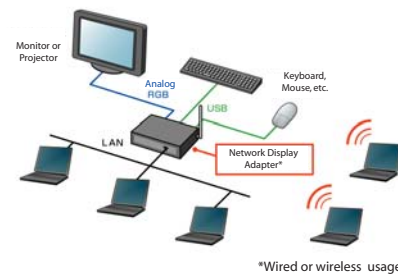
Key Features

- Compressed and optimised data transmission for efficient display output.
- Superior image quality via lossless compression algorithm.
- Max. number of 6 displays can be connected to one computer.
- Each of the several displays can display the same or a different content.
- Supports wired LAN (100Base-TX) or wireless LAN (IEEE 802.11b/g) network interfaces.
- ND-1 includes a DHCP Server for easy network connectivity.
- USB Device Server functionality included for networking a variety of additional USB devices.

Dimensions



Network Example



Specifications

Network Interfaces	Wired LAN: 10BASE-T/100BASE-TX Wireless LAN: IEEE802.11b/g
Wireless Security	WEP (64/128), SSID, WPA-PSK (TKIP/AES), WPA2
LED	3 x status LED 2 x LED at internal RJ-45
Push-Switches	2 x Switches (Factory Default/Customisable)
Interfaces	1 x RJ-45 2 x USB2.0 Hi-Speed Host 1 x Analogue RGB (D-sub 15pin)
Display Functions	Maximum Resolution: - UXGA (1600x1200) - Wide display WSXGA+ (1680x1050) Special Features: - Display Mode switchable (mirror mode or multi display, rotate by 90°, 180° and 270°)
PCB Dimensions	120 x 120 mm
Power Supply	AC adapter (DC12V 2.0A)
Package contents	ND-1-EVK main board, wireless antenna AC adapter, CD-ROM, Setup Guide

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