

Audio-Video connectivity:

Network Display Adapter NetDA-1

Use monitors, keyboard and mouse via LAN or WLAN



Remote control & interactive use of displays

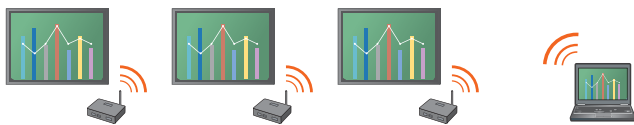
NetDA-1 connects displays with VGA interfaces into wired or wireless networks, turning them into remote controllable additional screens. Up to six displays can be connected to a computer using six NetDA-1 units, and managed centrally. Transmission of screen content can be via Ethernet interface or using the IEEE 802.11b/g wireless standards.

Displays can be arbitrarily controlled within the network environment and can display identical or different screen contents. Even touch screens and interactive boards can be connected and used through the network. A display can also be used from all network computers in sequence. In addition, USB interfaces can be used to integrate not only a mouse, keyboard and storage media over the network, but many other USB devices as well (USB Device Server functionality, see below). The NetDA-1 is ideal for the management of patient data, presentations in talks and seminars, product presentations in stores or fast, simple transmission of audiovisual data for shared use in conferences and office environments (see also examples on page 2). Shared use of a projector in meetings, for example, can eliminate tedious unplugging of VGA cables (see the figure at the bottom left).

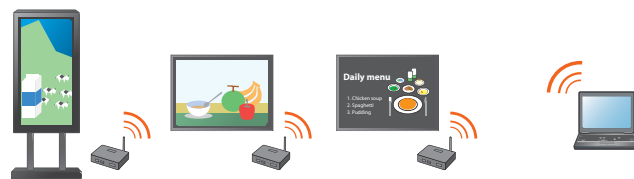
The power of the NetDA-1 is primarily possible due to two built-in technologies:

1. A powerful, loss-free image data compression and decoding technology that transports screen content across the network
2. silex's proprietary Virtual Link USB technology, which ensures the secure, reliable transport of USB data packets over TCP/IP

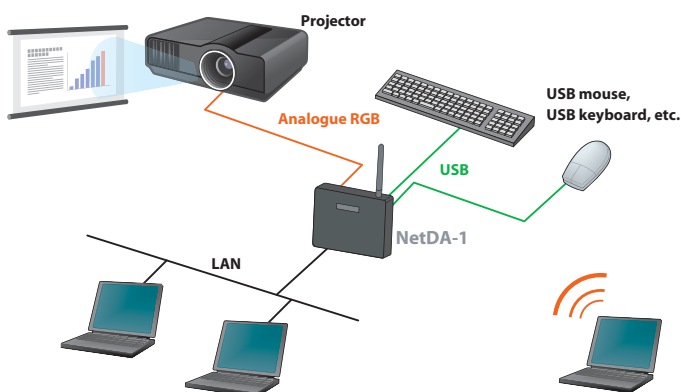
Mirror function (identical screen content)



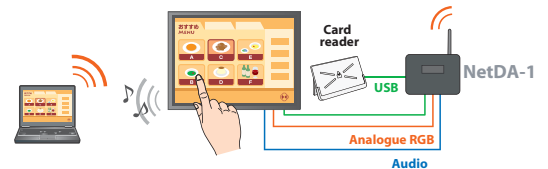
Multi-display (different screen content)



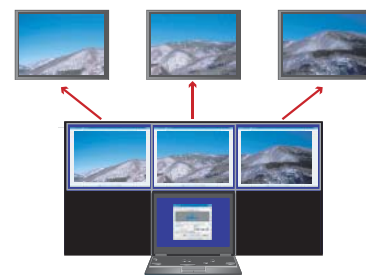
Using a projector from multiple network computers in sequence



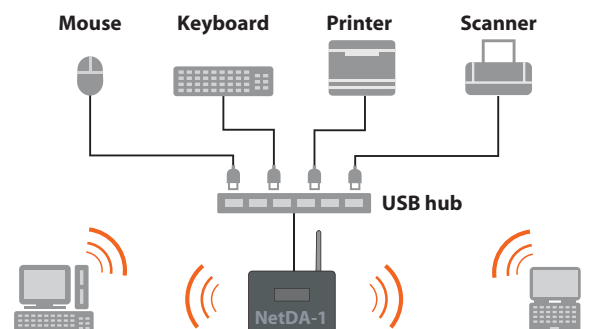
Wireless remote controlled touch screen



Desktop extension



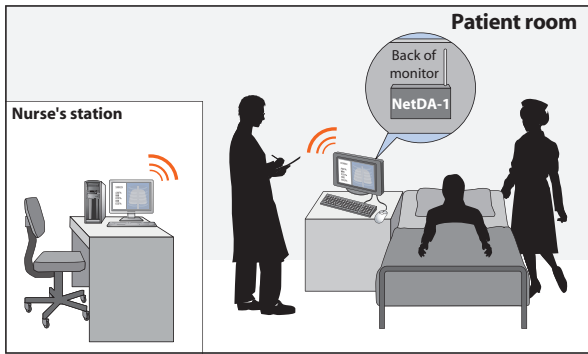
USB Device Server functionality



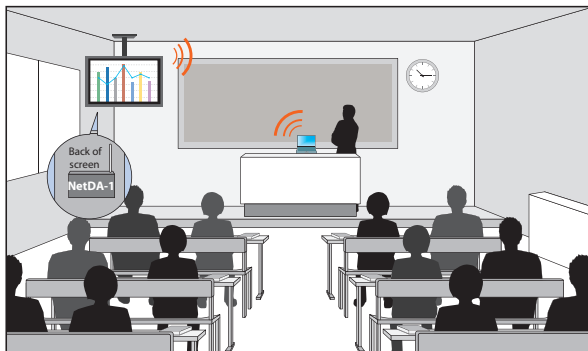
Remote control & interactive use of displays

Example applications

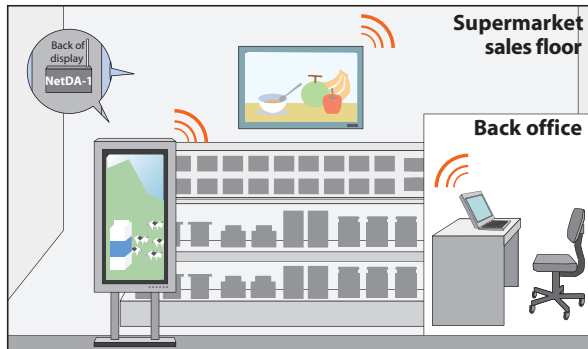
Example 1: Health care



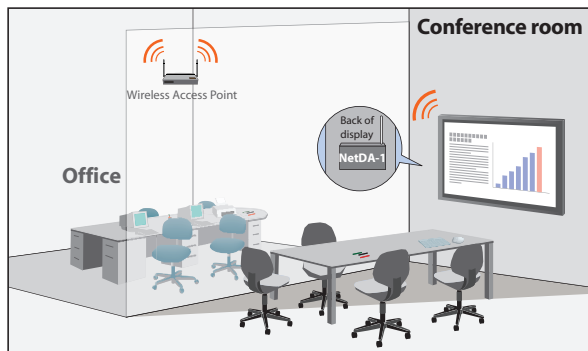
Example 2: Training sessions



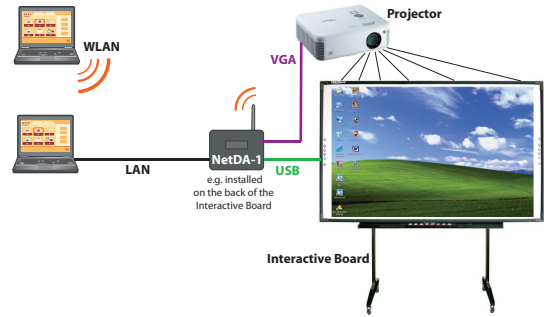
Example 3: POS



Example 4: Office



Example 5: Integrating an Interactive Board



Specifications

Network interfaces	10/100 BASE-TX (autodetect); auto-MDIX; Wireless LAN: IEEE 802.11b/g (infrastructure/ad-hoc)
Device interfaces	1x RJ45 2x USB 2.0 Hi-Speed (500mA) 1x Analog RGB (D-sub 15pin VGA) 1x Audio Line OUT (03.5mm Stereo Mini Jack)
Security features	WEP (64/128), WPA-PSK (TKIP/AES), WPA2; IP address filter function
LED	4x Status-LED 2x LED on internal RJ45 port
Function button	Reset
Display functions	Maximum resolution: WUXGA (1920 x 1200) Additional functions: - Display mode: mirror function or multi-display - Rotation by 90°, 180°, or 270°
Operating systems supported	Windows XP, Vista, Windows 7*, Mac OS
Approvals	FCC class B, CE class B, VCCI class B
Dimensions	155 x 120 x 32 mm
Power supply/consumption	AC adapter (DC 12V 2.0A)/ 24W
Operating conditions	- Temperature: 0-40°C - Relative humidity: 20-80% (not condensing)
Scope of delivery	NetDA-1, wireless antenna, AC adapter, CD-ROM, Setup Guide, warranty card
Optional accessories	Bracket, stand

*Mirror Mode not supported

About silex

Since 2000, silex technology has been represented by a subsidiary in Europe. The company, founded in Japan in 1973, is headquartered in Kyoto and Tokyo, with additional locations in China and the US. Today, silex technology, Inc. (NASDAQ: 6679) is among the leading manufacturers of connectivity products for wired and wireless networks. Their product line includes print, USB and serial device servers, as well as modular solutions. In addition to mature technologies and products, the company also offers comprehensive service and free telephone, email and online support.



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