

SX-ND-4350WAN

Wireless Access Point and Display Adapter



Wireless Access Point and Interactive Display Adapter for Education

Overview:

SX-ND-4350WAN is a robust and secure wireless access point designed for education. It also allows you to connect to an interactive display or projector wirelessly. The product connects to the network and the display in a presentation or classroom environment:

- ① **Wireless LAN access point allowing up to 56 wireless clients to securely access the network.**
- ② **Interactive image transmission.**
 - Projects screen of a Windows® tablet or notebook computer to an interactive board or short-focus projector over a wireless connection.
 - Wirelessly enable the touch operation of an interactive display.
 - Dual Band 802.11n

③ Support for Full HD resolution

(1920 x 1080) permits the display of high picture quality.

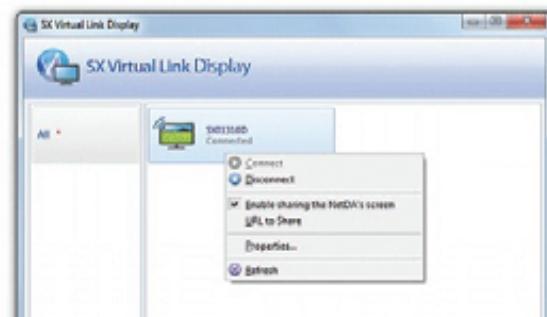


④ "NetDA Manager", a simple and user-friendly utility

This software allows you to search for NetDA devices, connect and disconnect with monitors and touch input, and allows you to query the connection status.

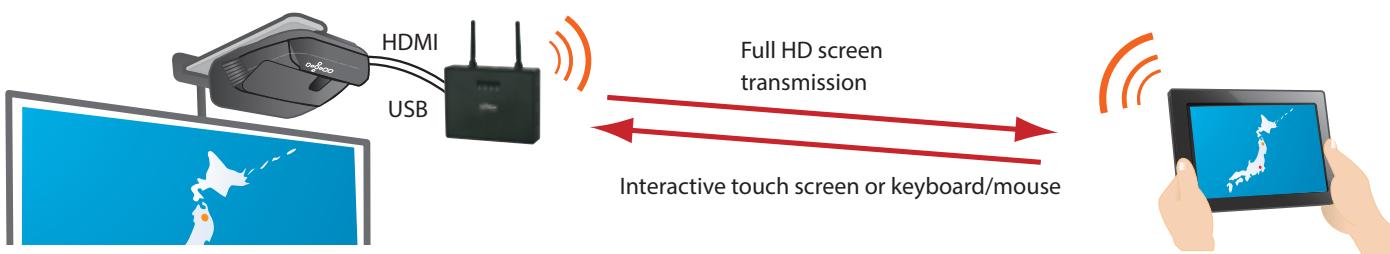
⑤ Screen Sharing to any Device

The software has a feature that allows you to easily share the screen being shown on the display to any device that has a web browser including tablet devices and smartphones.



Main Features:

- ① **Robust and Quality Wireless Operation**
Real time immediate response to touch input and video.
- ② **Bidirectional data transfer with various USB devices**
Silex USB Virtual Link Technology™ enables various input devices such as touch panels or USB devices to be remotely controlled from across the network by the computer.



Display

- Large screen TV
- Interactive Board
- Super short-throw projector

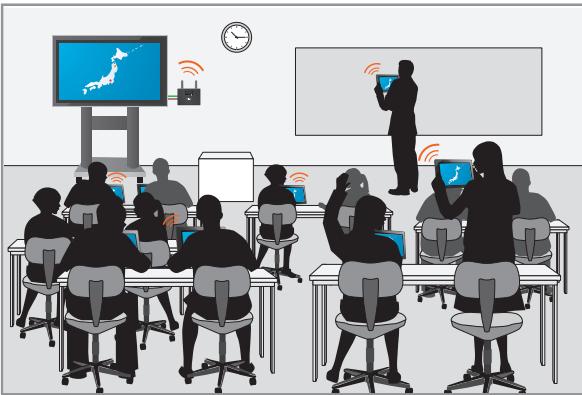
Windows tablet



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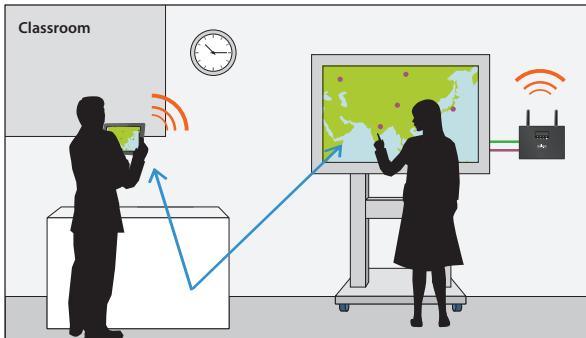
Application Options:

case 1
Training or presentation



A wireless connection instead of cables next to the teacher's podium allows the display to be moved around the room without restriction, making it easier to put away and to set it up.

case 2
At school



Real time wireless interactive collaboration between teacher and student including touch screen and display.

— HDMI — USB

Accessory options for the network display adapter

Mounting bracket



• VESA Compliant Mounting Bracket
Part Number: 150-20122-100

OEM circuit boards for integration into a display and SDK solutions are also available.
Please contact us for details.

Technical Data:

Product Name	SX-ND-4350WAN
Interface	RJ-45 1 port (supported Auto MDI/MDI-X)
Standard	Conforming to IEEE802.3 10BASE-T/100BASE-TX/1000BASE-T
Security	MAC address filter
Interface	IEEE802.11a/b/g/n 2T×2R (theoretical value 300Mbps)
Transmission Method	IEEE802.11a 5GHz (modulation method: OFDM) IEEE802.11b 2.4GHz (modulation method: DS-SS) IEEE802.11g 2.4GHz (modulation method: OFDM) IEEE802.11n (modulation method: OFDM) – MIMO (Multiple Input Multiple Output) – A-MPDU and A-MSDU of Aggregation function – HT20/HT40 mode (high-throughput mode)
Radio Wave Output Setting	20 stages can be set at an interval of 5% from 5% to 100%
Bandwidth Control	QoS
Maximum Clients	56 wireless clients
MultiSSID	2
Security (authentication method)	Open, Shared, WPA-PSK, WPA2-PSK, WPA/WPA2-PSK (MIX) mode, 802.1x, WPA-Enterprise, WPA2-Enterprise, WPA/WPA2-Enterprise (MIX) mode
Security (coding method)	AES, TKIP, AUTO, WEP (64/128bit)
Security (others)	Stealth SSID, Privacy separator, MAC address filter
Smart Wireless Setting	“Smart wireless setting” for client connection by push button, PIN cord, Supported external registrar
Image Transmission	
Interface	HDMI x 1 port
Display resolution	Maximum resolution: Full HD (1920 x 1080)
Display function	Mirror mode (reproduction)
USB	
Interface	USB2.0 x 2 Port
Supported OS	Windows 7, Windows 8, Windows 8.1
Supported utility	NetDA Manager 1.8.0 or later
External dimension	120mm x 155mm x 32mm (excluding antenna)
Other	
Accessories	Main body, AC adaptor, CD-ROM, Setup guide, Rubber feet (4), GPL notification sheet

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