

# WiFi USB Adapter with SMA Initial Contact



## A Contents and Physical Installation

This package contains an USB 11N Wireless LAN adapter Secomea P/N 27251, suitable for operation with a Secomea SiteManager xx29/xx39 with release 9.6 or newer.



Power OFF the SiteManager and Insert the adapter into a free USB slot, and then power ON.

You can use a standard USB extender cable to separate the antenna from the appliance.

For SiteManager appliances where the physical USB ports are in use, you can share a USB port using a standard USB hub. The SiteManager supports a great variety of USB hubs, but there may be models that are not recognized.

## B Operation notices and Configuration

Make sure that the SiteManager is at firmware level 9.6 or newer in order to support the WiFi adapter. Note that the WiFi USB adapter is not hot-plug detected. You must power the appliance Off and On for proper detection. The adapter can be configured in the SiteManager for one of the following operation modes:

**WiFi Client mode:** The WiFi settings for client mode are configured in the SiteManager menu System -> Uplink2. Refer to the SiteManager online help for Uplink2 for more information.

**WiFi Access Point (AP) mode:** The WiFi settings for AP mode are configured in the SiteManager menu System -> DEVI. Refer to the SiteManager online help for DEVI for more information.

## C LED Blink Patterns

Blink patterns only apply to Client mode. When in AP mode, the LED will be Off.

Blink Patterns (Client mode)	LED pattern
No WiFi connection (or AP mode enabled)	Off
WiFi connection established	Steady Blue
Traffic (incl. attempting to connect to AP)	Flashing Blue

Note: that you cannot rely solely on the LED for status. Instead enter the SiteManager Web GUI, and either use the Scan button under menu System -> Uplink2, and select Status -> Network where it will also be indicated if the SiteManager has received an IP address from the access point.

## D Specifications

- Standard: IEEE 802.11n (draft 2.0), IEEE 802.11g, IEEE 802.11b
- Interface: USB2.0
- Frequency Range: 2.4GHz-2.4835GHz
- Channel: 1-11 (US, Canada); 1-13 (Europe) ; 1-14 (Japan)
- Spread Spectrum: DSSS
- Modulation: BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
- Transmission Distance: Indoor up to 100m, outdoor up to 300m (line of sight)
- Receive Sensitivity@PE: 11n: -65dBm@10% PER, 11g: -65dBm@10% PER
- Transmit Power: 15dBm
- Environment: Operating Temperature: 0-40C (32-104F)
- Included omni-directional antenna: 2x2dBi
- Data Security: WPA/TKIP, WPA2/AES-CCMP
- Operating Humidity: 10%-90% non-condensing
- Size: 68\*20\*8.7MM
- Safety & Emission FCC, CE

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