



Sparx200W
Wireless powerline network miniadapter

AELEL204U1

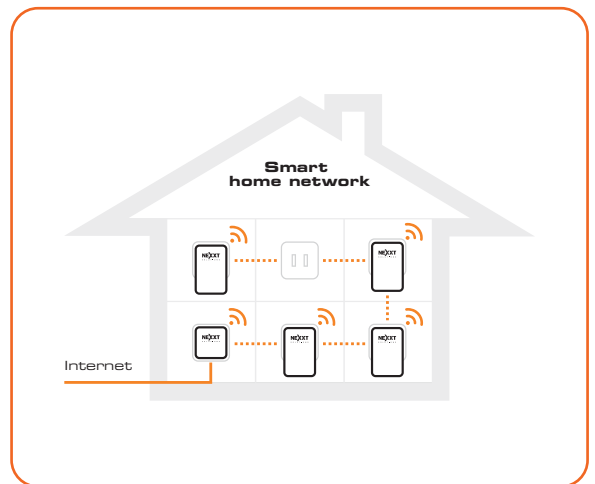
-  **No drilling**
or wiring required
-  **300Mbps**
wireless transmission
-  **Encryption**
security
-  **100Mbps adaptive**
LAN/WAN port
-  **Power saving**
mode
-  **Compact**
space- saving design
-  **Plug and play**
One button installation



Product overview

Nextx Solution introduces its series of powerline adapters which takes advantage of electrical wiring and outlets to create a reliable high speed network. This solution is the easiest and fastest way to extend your Internet connection and network to a location within a household or business which an Ethernet cable or Wi-Fi signal will not reach. The modular setup of this technology allows users to add additional devices at the end point, to continue expanding the network under the same electrical circuit for wireless clients. The addition of a wireless module enables a Wi-Fi signal. A minimum of two devices is required to create a simple powerline network.

The Sparx200-W can achieve wireless speeds of up to 300Mbps, enabling these compact devices to be easily deployed in all scenarios that require Wi-Fi. The powerline adapters do not require installation – a simple press of a button synchronizes the unit to the other adapters in the circuit without the need of running new cabling to establish an access point.



Highlights

- Delivers speeds of up to 200Mbps at full duplex, for intense HD streaming applications
- Wireless-N standard provides transmission speeds of up to 300Mbps
- One 100Mbps self-adaptive LAN/WAN port
- Up to 300 meter range over an electrical circuit, for enhanced performance through walls or across floors
- Plug and play operation, one button set up
- Power saving mode, significantly reduces energy consumption
- Sleek, compact design blends in any environment
- QoS for bandwidth intensive applications and traffic control
- 128bit AES for security
- Five-year warranty

Technical specifications

MPN	AELEL204U1
Hardware features	
Standards	2.4GHz: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u Homeplug AV
Ports and interface	One 10/100Mbps interchangeable LAN/WAN port
Speed	Power line up to 200Mbps (full duplex mode)
Antennas	Internal 2.4GHz PCB antenna
Button	One pairing/reset
LED indicators	WPS, wireless link, power, PLC and LAN
Wireless features	
Wireless rate	Up to 300Mbps
Frequency	2.4GHz
Radio data rate	IEEE 802.11n: up to 300Mbps IEEE 802.11g: up to 54Mbps IEEE 802.11b: up to 11Mbps
Security	Wireless access control (wireless MAC filter) Wireless security: Enable/Disable 64/128bit WEP WPA-PSK / WPA2-PSK
Operation mode	AP (Access Point)
Wireless function	Enable/Disable wireless radio Wireless access control
Software features	
Security	128bit AES
VPN pass-through	Yes
Environment	
Operating temperature	32°F-113°F
Storage temperature	-40°F -158°F
Relative humidity	Operating humidity: 10%-90% non-condensing Storage humidity: 5%-90% non-condensing
Physical appearance	
Power	100-240VAC 50/60Hz
Housing	Polycarbonate (PC) plastic
Color	White
Product dimensions	2.4x1.2x3.8in
Product weight	0.22lb
Additional Information	
Warranty	Five years
Certificates	FCC