



Features

- 300Mbps Radio
- AP, AP Client, and Bridge
- 802.11n/a
- Simple metal case design
- OFDM
- TPC, DFS
- WEP, WPA(TKIP), WPA2(AES)
- WEB Management
- Point-to-Point
- Point-to-Multipoint
- POE

11n LITE300



300Mbps

SKU: SILLITE300-PCP

The advantages of the 11n LITE300

- Easy configuration. Supplied as pre-configured pairs so that all you need to do is power them up.
- Simple network structure. Easy to install. Power over Ethernet functionality requires only a single Ethernet cable between the LAN and the 11n LITE300 for sufficient power

Contents

- 2 x 11n LITE300
- 2 x Mounting brackets
- 1 x Product CD
- 2 x Power Adapter



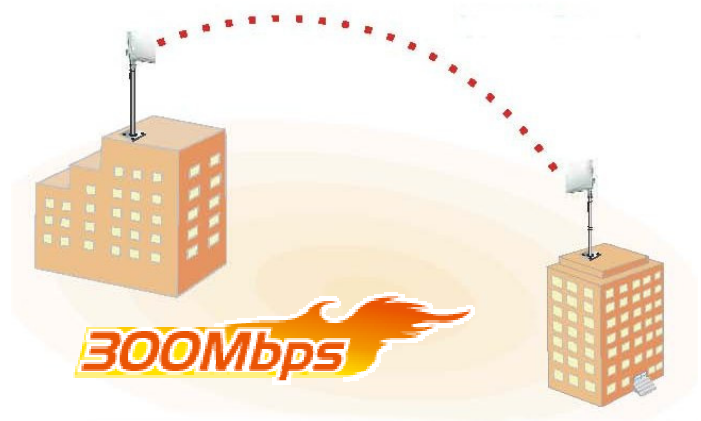
What is the 11n LITE300?

The 11n LITE300 is a Wireless outdoor bridge that has been optimised for distances up to 6km and has been designed to be extremely compact.

The 11n LITE300 works at 5Ghz and is compatible with the 802.11n/a standard.

The 11n LITE300 also supports a variety of security features such as WEP, TKIP, AES, receive and transmit filtering, error recovery, quality of service (QoS) as well as IEEE802.1x standard, providing excellent security for the wireless network and increased WLAN performance.

The 11n LITE300 is an Ideal low cost solution for short-range point to point or point to multipoint links and has a built in Dual18dBi antenna.



'Link in a Box'

Feature	
Radio	5Ghz
Transmission rate	11n: 300, 270,240,180, 120, 90, 60, 30Mbps 11a: 54, 48, 36, 24, 18, 12, 9, 6Mbps
Channel Spectrum Width	5MHz, 10MHz, 20MHz, 20/40MHz (Auto)
Operating Mode	AP, AP Client, and Bridge
Other wireless	Enable/Disable broadcast SSID
Security	
WEP Encryption	64 / 128 / 152 bits
Radius	Supports Radius Client
802.1x	Supports 802.1x Client and Server
WPA (TKIP)	Wi-Fi Protected Access (EAP, TKIP)
WPA2 (AES)	AES/802.11i
SSID	Support Enable/Disable Broadcast
MAC	Supports MAC address filtering
Physical	
Gain	Dual 18 ± 0.5 dBi
HPBW/ Horizontal/ Vertical	20° x 20°
Front to back ratio	20dB
Ethernet Connection	(RJ-45) LAN Port
LAN/WAN	100Mbps (100Base), 10Mbps (10Base) With Auto MDI/MDIX
Power	DC 24-48Volt/1A POE; AC Adapter 100V~240V
Channel (Country Dependent)	USA (FCC): 5.15GHz~5.35GHz; 5.725GHz~5.825GHz Europe (ETSI): 5.47GHz ~5.850GHz China: 5.725GHz ~5.85GHz
RF output power	26dBm MAX from port
Sensitivity	-82dBm@54Mbps, -74dBm@300Mbps
Dust and Waterproof	Ip66 Certified
Dimensions	21.6 x 21.6 x 8.2 (cm)
Weight	2.5Kg Each
Management	
WEB	Yes
Firmware	Upgradeable via web
Environment	
Operating Temperature	-20~60°C
Humidity	0~90%

11n Series Product Information

11n MICRO300

Up to 300Mbps

◆ 11n up to **100Mbps data throughput** radio, DFS, TPC, IEEE802.11n, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in dual 13dBi antenna

SKU: SILMICRO300-PCP

11n BRIDGE300

Up to 300Mbps

◆ 11n up to **100Mbps data throughput** radio, DFS, TPC, IEEE802.11n, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. External antenna.

SKU: SIL11nBR

11n MAX300

Up to 300Mbps

◆ 11n up to **100Mbps data throughput** radio, DFS, TPC, IEEE802.11n, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in dual 25dBi antenna

SKU: SILMAX300-PCP



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SilverNet Limited reserve the right to change specifications and other information within this document without notice and your attention is brought to the fact that performance figures are under ideal conditions. Actual performance will depend on many environmental factors and it is recommended that a site survey if undertaken prior to installation.

Please also note that this equipment may also be subject to local legislative restrictions such as Band C operation within the UK. It is the end users responsibility to ensure that the installation complies with any such restrictions that are in force.