



SG SPRINT



SKU: SILGSPi-PCP

■ *What is the SG SPRINT?*

The SG SPRINT is a Wireless outdoor CPE that has been optimised for distances up to 3km.

The SG SPRINT works at 2.4GHz and is compatible with the 802.11b/g standard. With high throughput and long-distance transmission, it is the best solution for carriers, service providers and enterprises. As an outdoor remote client, the SG SPRINT can help integrators easily build up a broadband access system.

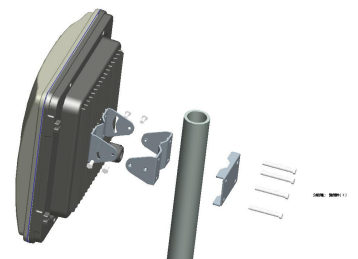
The SG SPRINT is an Ideal low cost solution for short-range point to point or point to multipoint links. It has WEP, WPA and WPA2 encryption and has a built in 14.5dBi antenna.

■ *The advantages of the SG SPRINT*

- 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 SG SPRINT for sufficient power.

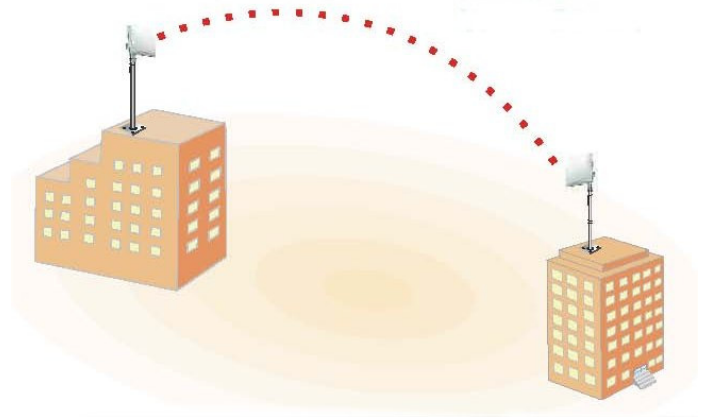
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■ *Features*

- 54Mbps
- AP, AP Client, and Bridge
- IEEE802.11b/g
- Metal case design
- OFDM
- WEP, WPA, WPA2
- WEB Management
- Point-to-Point
- Point-to-Multipoint
- POE



3KM 'Link in a Box'

Feature	
Transmission rate	802.11b: 11, 5.5, 2, 1 802.11g: 54 48 36 24 18 12 9 6 Mbps
Operating Mode	AP, AP Client, and Bridge
Wireless	IEEE802.11b/g
Other wireless	Enable/Disable broadcast SSID
Standards	IEEE802.11b/g IEEE802.3/u IEEE802.3af
Security	
WEP Encryption	64 / 128 / 152 bits
Radius	Supports Radius Client
802.1x	Supports 802.1x Client and Server
WPA	Wi-Fi Protected Access (EAP, TKIP)
WPA2	AES/802.11i
SSID	Support Enable/Disable Broadcast
MAC	Supports MAC address filtering
Physical	
Gain	13.5 ± 0.5 dBi
HPBW/ Horizontal/ Vertical	35° x 35°
Front to back ratio	20dB
Max-bandwidth	Full: 100Mbps (100Base), 10Mbps (10Base)
LAN/WAN	One 10/100BASE-T (RJ-45) LAN Port
Default button	Yes
Power	DC 12~24Volt/1A; 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	20dBm MAX from port
Sensitivity	-72dBm@54Mbps
Dust and Waterproof	Ip65 Certified
Dimensions	23.4 x 22 x 11.4 (cm)
Weight	2.5Kg
Management	
WEB	Yes
Firmware	Upgradeable via web
Environment	
Operating Temperature	-10~40°C
Humidity	0~90 %

SPRINT Series Product Information

A5 SPRINT

Budget Point to Point Solutions - Up to 3KM 22Mbps Data throughout

◆ 11a 54Mbps Bridge, IEEE802.11a, OFDM, WEP, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in 14dBi antenna

SKU: **SILASPI**

Paired SKU: **SILASPI-PCP**

SG SPRINT

Budget Point to Point Solutions - Up to 3KM 22Mbps Data throughout

◆ 11g 54Mbps Bridge, IEEE802.11bg, OFDM, WEP, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in 13dBi antenna

SKU: **SILGSPi**

Paired SKU: **SILGSPi-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.