



SG24 15dBi



SKU: SILG24i

■ *What is the SG24 15dBi?*

SG24 15dBi Wireless Outdoor Bridge is ideal for connecting LANs in distant buildings at speeds approaching those of wired Ethernet. This exciting product is IEEE 802.11g standard compliant and operates at air interface speeds of up to 54 Mbps. Moreover, the products have unique features designed specially for outdoor applications, making it the best wireless building-to-building solution available today in the unlicensed 2.4GHz band market.

Clients can quickly build up stable Point to Multipoint wireless broadband access system for "Last miles access" at low cost.

This radio will save money, while servicing the need to construct a Point to Multipoint wireless system.

■ *The advantages of the SG24 15dBi*

● Stable and reliable network. Being Weatherproof and having a built-in Lightning Protector, the SG24 15dBi is perfectly designed to meet the needs of the harshest outdoor environments.

● Simple network structure. Easy to install. Power over Ethernet functionality requires only a single Ethernet cable between the LAN and the SG24 15dBi for sufficient power.

Contents

- SG24 15dBi *1
- Mounting brackets *1
- Product CD *1
- Power Adapter(48V) *1



■ *Features*

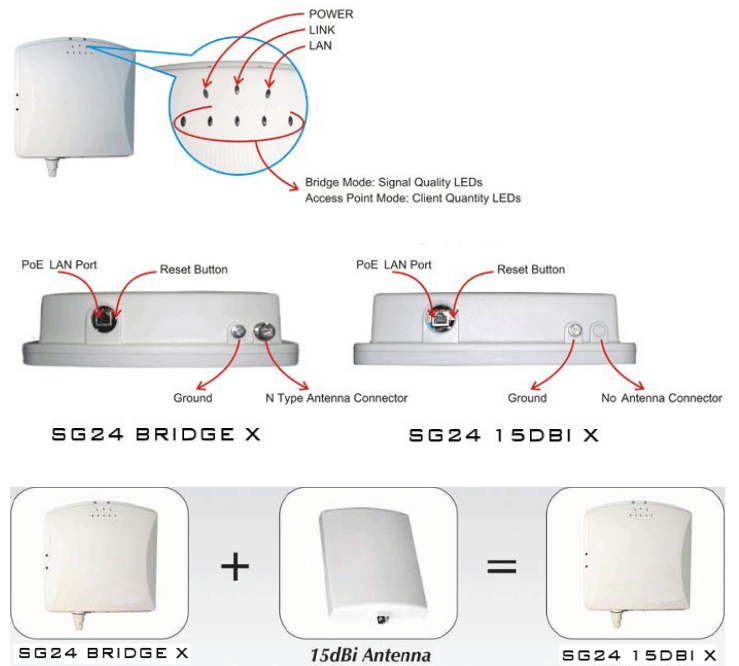
- 54Mbps
- Lower total cost of Point to Multipoint wireless system
- IP Router + NAT
- Designed for Outdoor application
- Built-in lightning protector
- IEEE802.11b/g
- LED can clearly show the Link quality
- Point-to-Point , Point-to-Multipoint
- WDS (AP + Repeater)
- WEP, WPA, WPA2
- Test Link
- PoE

Feature	
Auto rate select	11b Mode: 11 5.5 2 1 Mbps 11g Mode: Super AG 54 48 36 24 18 12 9 6 Mbps
Access Point mode	Yes
Bridge mode-PtP	Yes
Bridge mode-PtMP	Yes
Repeater mode	Yes
WDS	Yes (AP Repeater)
IP routing	Yes (IP Router + NAT)
Test Link	Yes
Link status	Yes
DHCP Client	Yes
Standards	IEEE802.11b IEEE802.11g IEEE802.3/u (10/100Base TRJ-45) IEEE802.3af

Security	
WEP Encryption	64 / 128 / 152 bits
Radius	Supported
802.1x	Supported
WPA	Supported
WPA-PSK (TKIP)	Supported
WPA2-PSK (AES)	Supported
Access Control	Supported
SSID Broadcast	Hidden AP
Client Separator	Supported
VLAN	Multi BSSID

Physical	
Antenna	15dBi Panel antenna
LAN/WAN	One 10/100BASE-T (RJ-45) LAN Port
Default button	Yes
LED	POWER/LINK/LAN Signal Strength/Client Quantity
Power	100-240VAC,50/60Hz,800mA 48VDC/750mA IEEE802.3af
Channel (Country Dependent)	USA (FCC): 2.412GHz ~ 2.462GHz; Japan: 2.412GHz~2.484GHz Europe (ETSI): 2.412GHz ~2.472GHz
RF output power	35dBm (EIRP)
Power Consumption	220mA(Typical)
Sensitivity	-80dBm@54Mbps
Dimensions	27.7 x 27.7 x 8.0 (cm)
Weight	1.4Kg

Management	
WEB	Yes
SNMP MIB	Yes
Bandwidth Control	Yes
Environment	
Operating Temperature	-15~60°C
Storage Temperature	-20~80°C
Humidity	5~95%



SG24 Series Product Information

SG24 15dBi X
Wireless Outdoor Access Point/Bridge
◆ Integrated 15dB antenna. Supports POE and 48V DC. Work at 2.4 GHz with encryption. Point to point and point to multipoint.
SKU: SILG24i

SG24 Bridge X
Wireless Outdoor Access Point/Bridge
◆ External port with N Type connector. supports POE. Work at 2.4 GHz. 54 Mbps. Point to point, point to multipoint.
SKU: SILG24BR

Distributed by:

Copyright © SilverNet Limited. All rights reserved. All other company and product names may be trademarks of their respective companies. Whilst every effort is made to make sure the information shown is accurate SilverNet Limited cannot accept liability for any errors that may arise. No freedom to use information, patents, trade marks, or other intellectual property rights is implied by the publication of this document. E&OE
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.