SilverNet Limited   United Kingdom   T +44 (0) 871 2233 067   www.silvernet.com
                                               F +44 (0) 870 622 0254
                                               E sales@silvernet.com

SilverNet

ABG MESH DUAL

SKU: SILMEOUT

■ Features

➢ROHS Compliant

➢All wireless nodes auto-discover and self-configure

➢Self-tuning and self-healing mesh for network optimisation

➢High throughput

➢Supports Super G/ Turbo G

➢Provides the highest available level of WEP/WPA /WPA2/802.1X and Limitation of client connections to enhance security

➢Supports QoS (WMM)/Multi-BSSID/VLAN

■ *What is the ABG MESH DUAL?*

ABG MESH DUAL is a Dual-RF output and Dual-RF module wireless MESH network product built into a rugged housing, Operating at 2.4GHz and 5.8GHz simultaneously and Supports POE.

ABG MESH DUAL is a high performance wireless MESH network system. Each wireless node can self-configure and connect to the network, a network failure can be repaired automatically so that the overall performance and the usability is unaffected. This system uses an advanced algorithm to enhance the throughput and reduce time-outs from the centre to the edge of the network. The system will also simultaneously support wireless hotspot coverage.

It provides wireless broadcast access and high bandwidth for applications such as - audio/data/video, services for the municipal administration, public security etc and will not be affected by the position and movements of the users within the mesh network.

■*The advantage of ABG MESH DUAL*

●Stable and reliable network. Have the ability of automatic adjustment to choose optimal path.

●Simple network structure. Easy to install. New node to join the network can be discovered automatically. Reduce the deployment cost and the operation management work load.
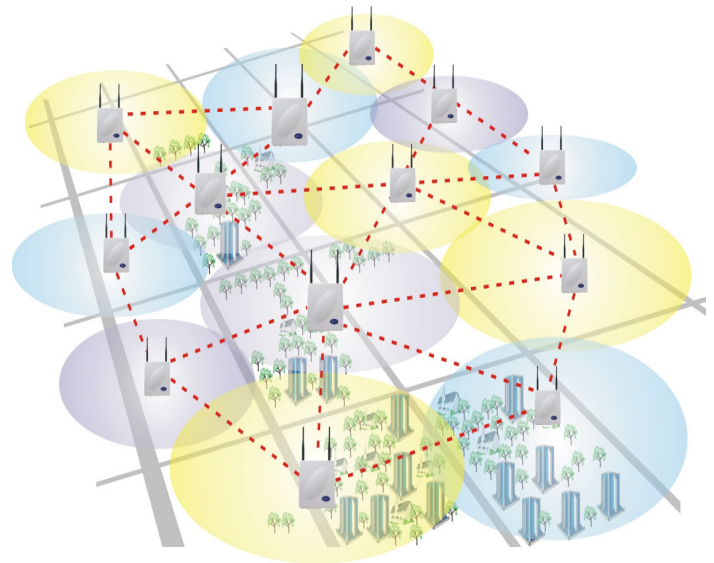
Contents

▪**Mesh Radio**   *1
▪**Fixings Set**   *1
▪**Product CD**   *1
▪**Power Adapter(48V)** *1

A Broadband Wireless Networking Company

Feature		
Standard	IEEE.802.11a IEEE 802.11b IEEE 802.11g IEEE 802.3u IEEE 802.3af	
Watch Dog	Yes	
Power Control	Yes	
	Antenna-B（MESH）	Antenna-A

Function		
standard	IEEE 802.11a	IEEE 802.11a/b/g
Output Power	16dBm(±2dBm)	16dBm±2dB（802.11a） 19dBm±2dBm（802.11g）
AP Mode	No	Yes
MESH	Yes	No
Multi-BSSID	No	Yes
VLAN	No	Yes
WMM	Yes	
Link Test	Yes	No
MESH Diagnose	Yes	No
Bandwidth Control	No	Support N×64Kbps
Wireless Link Display	Mesh Neighbor List	Wireless Station List
DHCP	DHCP Server、DHCP Client	

Security		
WEP	Yes	Yes
ACL(MAC based)	No	Yes
Hide AP	No	Yes
Wireless Client Isolation	No	Yes
WPA	No	Yes
WPA-PSK	Yes	Yes
WPA2	No	Yes
802．1X	No	Yes

Management	
Web	Yes
F/W Upgrade	Web/TFTP
Backup Settings	Web/FTP
SNMP MIB	Yes
Telnet	SSH

Interface		
Antenna	N type Interface	N type Interface
LAN	One 10/100-BaseTX RJ-45 Ethernet Port	
Default Button	Yes	
Dimensions	31cm(L) x 30.5cm(W) x 9.4cm(H)	
Weight	3.7Kg	

Electrical	
POE	Yes IEEE 802.3af
Power Consumption	200mA@48V
Power Supply	100-240V AC 50/60Hz～48V DC/0.83A

Environment	
Operating Temperature	-20～65℃
Storage Temperature	-20～80℃
Humidity	5～95％

11a/b/g wireless coverage   11a MESH connection

MESH Series Product Information

ABG MESH DUAL -Indoor
Indoor MESH Wireless AP
◆Dual-RF module. Dual-RF(SMA type) output. Supports POE and 12V DC. Operates on 2.4 GHz and 5.8GHz simultaneously
SKU: SILMEIND

ABG MESH DUAL
Outdoor MESH Wireless AP
◆Dual-RF module. Dual-RF(N type) output. support PTE. Operates on 2.4 GHz and 5.8 GHz simultaneously
SKU: SILMEOUT

ABG MESH DUAL -B500
Outdoor high power MESH AP
◆Dual-RF module. Dual-RF(N type) output. 500mW power. supports POE. Operates on 2.4 GHz and 5.8 GHz simultaneously
SKU: SILMEOUTB5

ABG MESH DUAL –B1000
Outdoor high power MESH AP
◆Dual-RF module. Dual-RF(N type) output. 1W power. supports POE. Operates on 2.4 GHz and 5.8 GHz simultaneously
SKU: SILMEOUTB10

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