

STREAM-MID WIRELESS BRIDGE

Up to 15Km “Link in a Box”



SKU: SILMID-PCP

■ Features

- Practical data-rate: **45+ Mbit/Sec** of user data or (SuperAG Enabled) **80+ Mbit/Sec** in Turbo Mode
- DFS (Dynamic Frequency Selection)
- TPC (Transmit Power Control)
- 108Mbps
- AP, AP Client, and Bridge
- IEEE802.11a
- Metal Case Design
- OFDM
- WEP, WPA, WPA2
- WEB Management
- Point-to-Point
- Point-to-Multipoint
- POE

■ What is the STREAM-MID?

The STREAM-MID is a Wireless outdoor Bridge which is optimised for distances up to 15Km. The STREAM-MID works at 5GHz and is compatible with the IEEE 802.11a standard.

The STREAM-MID is an Ideal high bandwidth solution for short-range point to point or point to multipoint links. With staggeringly high throughput and a very long distance transmission.

The STREAM-MAX has WEP, WPA and WPA2 encryption and a built-in 23dBi antenna. Enhanced features, including Turbo Mode (up to 108Mbps), eXtended Range (XR), real-time compression and packet bursting, gives the STREAM-MID unparalleled data throughput capabilities.

■ Advantages of the STREAM-MID

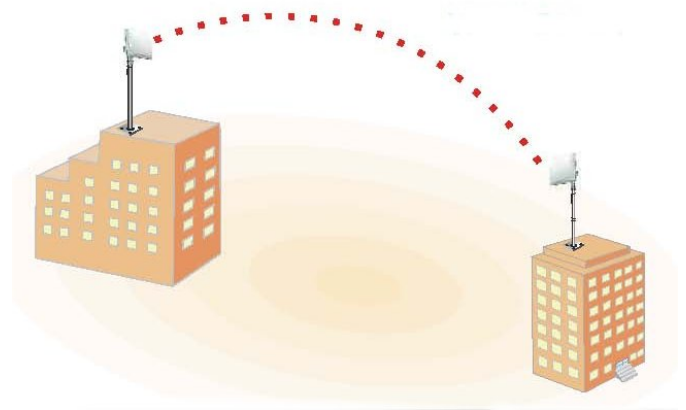
- Easy configuration. Supplied as pre-configured pairs so all you need to do is power them up.
- Simple network structure. Easy to install. Power over Ethernet functionality requires only a single Ethernet

Contents

- 2 x STREAM-MID
- 2 x Mounting Brackets
- 1 x Product CD
- 2 x Power Adapter(48V)



Features	
Transmission Rate	108 54 48 36 24 18 12 9 6 Mbps
Operating Mode	AP, AP Client, and Bridge
Wireless	IEEE802.11a
Other Wireless	Enable/Disable Broadcast SSID
Standards	IEEE802.11a
	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	23 ± 0.5 dBi
HPBW/ Horizontal/ Vertical	10°x 10°
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 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	19dBm MAX from Port
Sensitivity	-72dBm@54Mbps
Dust and Waterproof	IP65 Certified
Dimensions	30.5 x 30.5 x 8 (cm)
Weight	3.5Kg Each
Management	
WEB	Yes
Firmware	Upgradeable via Web
Environment	
Operating Temperature	-20C ~ +50C
Humidity	0 ~ 90



6Km Link in a Box

STREAM Series Product Information

STREAM-MINI

Wireless Outdoor Bridge up to 2Km

up to **45 - 80Mbps data throughput** radio, DFS, TPC, IEEE802.11a, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in 14.5dBi antenna

SKU: **SILMINI**

Paired SKU: **SILMINI-PCP**

STREAM-LITE

Wireless Outdoor Bridge up to 6Km

up to **45 - 80Mbps data throughput** radio, DFS, TPC, IEEE802.11a, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in 18dBi antenna

SKU: **SILLITE**

Paired SKU: **SILLITE-PCP**

STREAM-MID

Wireless Outdoor Bridge up to 15Km

up to **45 - 80Mbps data throughput** radio, DFS, TPC, IEEE802.11a, OFDM, WPA, WPA2, WEB Management, AP, AP Client, and Bridge, POE. Built in 23dBi antenna

SKU: **SILMID**

Paired SKU: **SILMID-PCP**