



# Point-to-Point WLAN Kit

*Solectek Point to Point Wireless LAN BridgeKit*

PTP3.2KM & PTP8.0KM



- High powered, 200mW Wireless LAN Bridge Kit
- All you need to build point-to-point wireless link-in-a-box!
- 3km or 8km kits available
- End-user installable
- Minimal configuration necessary

#### **TWO MODELS AVAILABLE:**

- PTP3.2KM
- PTP8.0KM



*Get Connected*

# Product Overview

## Introduction

The SkyWay - BridgeKit is today's most advanced way to interconnect two networks in two separate geographical locations. You'll be amazed at what we've done to deliver best-of-class price performance and installation.

### PLUG & PLAY MADE REAL

It takes three easy steps. Power up the unit. Point the antennas at each other. Click the "Yes" when alignment has completed.

### RADIO INTERFERENCE SOLVED

Solectek's unique Auto-Channel Select feature finds the cleanest channel to use, and, when new interference emerges, it will automatically switch to a cleaner channel to protect your data.

### ADAPTIVE POWER

Skyway - Bridgekit's Adaptive Power feature automatically adjusts the radio optimum link performance. Too little power and you might be overwhelmed with noise from your neighborhood. Too much power, and you could be the cause of your own interference.

### THROUGHPUT & MORE THROUGHPUT

SkyWay - BridgeKit is based on unique transmission protocols that minimise overhead leaving most of the connection for your traffic.

### THE RIGHT TOOLS FOR THE JOB

Too often indoor Access Points are used as a means to achieve limited outdoor connectivity; this solution is not designed to deal with elaborate LAN's at both ends nor with severe outdoor interference environments. This is a feature rich product that supports elaborate business LANs – at a very affordable price.



*As 2.4 GHz usage gains in popularity, Solectek introduces a solution that offers superior throughput, simplified management through automation and all for less time and money than it takes to modify indoor solutions for long-range operation.*

# Technical Specifications

Features and Interfaces	
Link Transmission Speed:	11 Mbps (throughput up to 9 Mbps)
Maximum Link Distance:	Choose between a minimum of 3.5 kilometre (2-miles) or 8 kilometre (5-miles) product
Media Interfaces, Bridging, and Protocols:	IEEE 802.3 Ethernet; IEEE 802.1D Spanning Tree, transparent MAC layer bridging
LAN Operating System Compatibility:	Compatible with all major Ethernet LAN operating systems including Novell Netware, Microsoft NT, DEC Pathworks, Banyan Vines, LAN Manager, and UNIX Systems.
LAN Interfaces:	Ethernet: 10/100 BaseT; auto-sensing
Management Capabilities:	RS-422, ANSI Console, X-modem, Y-modem
Radio Characteristics	
Radio Output Power:	200mW (23dBm)
Frequency:	2.4 to 2.4835 GHz Auto-Select
Radio Channels:	Centre Frequency from 2408 to 2468 MHz @ 6 MHz intervals - 11 channels
RF Coding:	Direct Sequence Spread Spectrum (DSSS)
Bit Error Rate (BER):	11 Mbps - 1x10 <sup>-5</sup> @ -82 dBm/ 5.5 Mbps - 1x10 <sup>-5</sup> @ -85 dBm/ 2 Mbps - 1x10 <sup>-5</sup> @ -89 dBm
Radio Licensing:	No user license required - certified for user installation and unlicensed operation in countries around the world
Hardware	
Chassis Type:	Single, indoor wall or desktop mounting
Chassis Specifications:	6.5 in W x 7.0 in L x 1.75 in H (16.5cm x 18cm x 4.5cm)
Chassis Environmental:	0 °C to + 40 °C
Power Supply:	Input: Autosensing 100-240 VAC/ Output: 6 VDC
Power Consumption:	2 amps @ 6 VDC
Certifications:	FCC Class B
AIRLAN bridge to Antenna Cable:	25 ft. (8 m) bridge-to-antenna cable supplied
AIRLAN to Hub/Router Cable:	Standard shielded Ethernet cable
Antenna flat panel (included):	13 dBi (8"x8"; 22 cm x 22 cm) for 2-mile product 15.5 dBi (12"x12"; 32 cm x 32 cm) for 5-mile product
Options (purchased separately as accessories):	RF cable lengths - 2 ft (3.6 m) and 50 ft. (16 m)

## Get Connected.

Dynalink offers Australians unbeatable value and service second to none.

### Askey Australia P/L

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