



**11-158**

## **SLAB2419 802.11b/g 2.4GHz Wireless Bridge**

Data Sheet 061105

The SLAB2419 uses the 2.4GHz ISM band to provide wireless connectivity between Ethernet devices/networks at up to 25Mbps. Full speed is achieved up to 6kms with lower speeds possible beyond 20kms (using SLAB2419's at both ends).

### **Main Features**

- Integrated 19dBi Panel Antenna
- Quick & easy to install
- Data rate up to 54Mbps (802.11g)
- Web & SNMP based management
- WPA/ WPA2 & 64/128 bit WEP data security
- 5 ultra-bright LED's showing signal strength for alignment
- Ruggedised, weatherproof enclosure



### **Electrical Specifications**

Antenna	15dBi 20 degree Hor/Vert BW 26dB Front-back ratio
Protocol	IEEE 802.11b/g
Modulation	OFDM: BPSK, QPSK, 16QAM, 64QAM
Frequency band	2.4GHz
Data rate	1, 5.5, 6,9, 11,12, 18, 24, 36, 48, 54 Mbps
Channels	3 non-overlapping
Power TX	11b: 22±3 dBm 11g: 22±3 dBm @ 6-48Mbps 21±3 dBm @ 54Mbps
Receive sensitivity	11b: -95 to -88dBm 11g: -95 to -72dBm
Management	Web & SNMP based
Uplink	10/100 baseT, Auto MDI/MDX
Security	WPA/WPA2, 64/128WEP
Power	48V DC PoE with surge protection, 802.3af compliant

### **Mechanical Specifications**

Connector	Weatherproof RJ45
Enclosure	Cast aluminium, ABS antenna
Size	300 x 300 x 190 mm
Mounting	Wall & pole mount
Operating temperature	-20 to 70°C

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