Long Range

Wireless Broadband Router

Model no.SL-2511 SR(A) PLUS



Feature	Benefit
Up to 23dBm(200mW) RF Output Power (depends on different countries)	9 times coverage of regular wireless Router
11Mbps IEEE 802.11 b Compliant	Fully interoperable with IEEE 802.11 b compliant products
Two built-in 10/100Mbps Switch Ports	Scalability, able to extend your network
NAT/PAT support	Shares single Internet account and providing a natural firewall
/MAC address/ Port / IP address filtering	Firewall functions ensure secure network connection
Virtual Server Mapping	Allows some of computers in wireless LAN network to be accessible from outside network
IP Sec Pass through / PPTP	Provides special pass-through support for common VPN implementations
64 /128-bit WEP data encryption	Powerful data security
DHCP client/server	Simplifies network administration, the software keeps track of IP addresses rather than administrators to manage the task
Telnet/Web configuration	Helps administrators to remotely configure or manage the Router via Telnet/Web browser
PPPoE	Dial-Up connects the users to the Internet through a shared DSL/Cable modem
Seamless Roaming	Allows users to travel between Routers without losing their network connection

General	
Data Transfer Rate	11, 5.5, 2 and 1 Mbps, Auto Fall-Back
Frequency Band	2.400～2.484 GHz
Range (open environment)	11 Mbps –300m/450m (23 dBm output power) 5.5 Mbps –400m/600m (23 dBm output power) 2 Mbps – 500m/750m (23 dBm output power)

	1 Mbps –800m/1200m (23 dBm output power)
Radio Type	Direct Sequence Spread Spectrum (DSSS)
Operation Channels	11 for North America, 14 for Japan, 13 for Europe, 2 for Spain, 4 for France
Modulation	CCK(11 Mbps / 5.5 Mbps), DQPSK(2 Mbps), DBPSK (1Mbps)
Antenna	Detachable standard TNC Dipole Antenna
RF Output Power	23dBm(200mW)--FCC 20dBm(100mW)--CE
Security	64/128-bit WEP data encryption, hide SSID in beacons, stations can not use “any” SSID
Compatibility	IEEE 802.11b compliant

Network	
Interface	WAN – One 10/100Mbps RJ-45 for DSL/Cable modem LAN – Two 10/100Mbps RJ-45 Switch Ports
Firewall	- NAT/PAT - IP / MAC address / port filtering - Virtual server mapping
Dial-up connection	PPPoE
VPN Support	IP Sec pass-through / PPTP
Management	Telnet/Web configuration
Firmware Upgrade	Upgrade firmware via TFTP/Web-browser

Environment	
Temperature Range	0 to 55° C (32 °F to 131 °F) - Operating, -20 to 80 ° C(-4 °F to 176 °F) - Storage
Humidity (non-condensing)	5%～95% typical

Physical	
Dimensions	145(L)mm x 210(W)mm x 40(H)mm 5.7(L)in x 8.3(W)in x 1.6(H)in
Weight	500g(1.1 lb)

* Specifications are subject to change without notice. Updated: 02-11-2004