

# SL-100RTN

## IEEE802.11n Wireless Router



### Key Features

- Compatible with IEEE 802.11n, 802.11b/g wireless standards.
- Provides three 802.11n/b/g wireless Reverse SMA detachable antennas.(Standard 2dB)
- High speed transfer data rate up to 300Mbps
- Supports wireless data encryption with 64/128-bit WEP, WPA and WPA2
- Supports authentication for wireless connectivity based on ESSID
- Supports Multiple BSSID.
- Provides MAC access control and hidden SSID function
- WDS supported with WEP, TKIP and AES encryption
- Channel : USA 11, Europe 13
- Supports NAT IP Sharing
- Supports WAN connection type-Static IP, PPPoE, PPTP, & DHCP client
- SPI Anti-DoS Firewall; Virtual DMZ; DNS relay; UPnP
- Provides DHCP server and client
- Supports ALG for FTP, NetMeeting, DDNS (DynDNS, TZO)
- Supports QoS:WMM
- Supports firmware upgrade function via Web
- Supports system log

### Benefits

The IEEE802.11n Wireless Router is compatible with IEEE802.11n standard, which supports data rate up to 300 Mbps in 2.4 GHz band, which is also compatible with IEEE 802.11b/g wireless devices. The router allows multiple users to share one broadband connection, as well as secures your private network. With its built-in 4-port switch and wireless AP, LAN users can share files, printers, or playing network games all at a blazing speed.

To provide a secure wireless network, this router supports wireless data encryption with 64/128-bit WEP, WPA and WPA2. Network Address Translation (NAT) Firewall is also support to shield your communications and network from hackers and wireless eavesdroppers.

## Specification

### Standard

IEEE 802.11n IEEE 802.11g,  
IEEE 802.11b, IEEE 802.3,  
IEEE 802.3u

### Radio Scheme

CCK – 802.11b  
OFDM – 802.11g

### Frequency Range

2.4 GHz ~ 2.4835GHz ISM Band, DSSS

### Number of Channels

North America: 11 Channels (US, Canada)  
ETSI: 13 Channels (Most European Countries)

### RF Output Power

11Mbps 19dbm, 54Mbps 16dbm,  
11n 20MHz and 11n 40MHz 16dbm

### Receiver Sensitivity

11Mbps-91dBm, 54Mbps-78dbm,  
300mbps -69dbm

### Data Rate

802.11g: 54 / 48 / 36 / 24 / 12 / 9 / 6 Mbps  
802.11b: 11 / 5.5 / 2 / 1 Mbps

### Interface

LAN: 4 port 10/100Mbps Ethernet, RJ-45  
WAN: One RJ45 port  
3\* 802.11n/b/g wireless reverse  
SMA detachable antenna

### Operating Mode

AP / AP-WDS / AP- BRIDGE

### Security

Password Protection  
64 bit/128 bit WEP, WPA, WPA2,  
Port filtering, IP filtering,  
MAC filtering, port forwarding and DMZ hosting

### Operating Environment

Temperature -30° C ~ 60°C  
Humidity 5~90% (non-condensing)

### Certification

FCC Class B, CE Mark

### Antenna

2 dBi External Antenna

### Power Supply

12V DC Power Adapter

### Protocol

Spanning Tree Protocol  
PPTP Protocol  
DDNS Protocol  
IAPP Protocol



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