

Skyliance Network

Skylink Wireless Solution

Standard-based Wireless Network Solutions for Carriers and Enterprises

SKYLINK WIRELESS BROADBAND ROUTER



OVERVIEW

This Wireless Broadband Router employed latest radio frequencies standard to transmit and receive between PC and other network. It offers the capabilities to seamlessly integrate with existing network topology and shares the limited Internet connection resources among LAN users.

The R200 Wireless Broadband Router is designed and manufactured by experts in wireless communication sector. Its performance and reliability exceed the requirements of IEEE 802.11g. It can be used as a broadband router to share Internet connections among network LAN users.

FEATURES AND BENEFITS

- Compliant with IEEE 802.11g standard
- Data rate up to 54Mbps with Auto Fallback.
- Allows multiple users to share internet access and the resources in LAN
- Support PPPoE/PPP that enables user to seamlessly connect to ISPs
- Support 802.1x security function for the advanced user
- Web-based user interface to easy configuration and management through web browser
- Build-in Firewall security protects internal hosts from outside intruders.
- Allows administrators to block certain users from accessing the Internet, specific applications, or certain web sites.
- Enhances the routing performance with Dynamic and Static routing settings
- Allows administrators to change WAN MAC address
- Operating range
 - Open: Up to 300m
 - Office: 30 ~ 100m

Technical Specifications

Features:

General:	Standards Compliance: IEEE 802.3, IEEE 802.3U, IEEE 802.11g, IEEE 802.1x
Interfaces:	WAN: One 10/100 Mbps auto-sensing port LAN: 4 x 10/100 Mbps auto-sensing switch ports Auto MDIX for all Ethernet ports
Protocol:	IPv4 (RFC791), TCP (RFC793), UDP (RFC768), ICMP(RFC792), ARP(RFC826) RIP (RFC 1058 & RFC 1721), NAT (RFC 1631) PPPoE, PPP (PAP, CHAP, MS-CHAP) IEEE 802.1x (EAP-MD5, EAP-TLS)
Wireless:	Frequency Band: 2.4 ~ 2.483 GHz Data Rate: up to 54 Mbps with Auto Fallback Radio Output Power (Typ.): +18 dBm Receive Sensitivity (Typ, @BER < 10E-5): -80 dBm @ 11 Mbps -65 dBm @ 54 Mbps Antenna Type: External dipole antennas
IP Setting:	WAN: DHCP client, PPPoE, PPP or Static IP LAN: DHCP auto-assignment, Static IP
Management:	Web-Based management (single log-in with timeout protection) Telnet management (menu driven) Administration protection by password Enable/disable remote web management from any IP address Fault-tolerance web and telnet firmware upgrade
Maximum Users:	Up to 253 users (including up to 64 wireless users)
Security:	Selectable 64 & 128 bits WEP Intruder event log by packet inspection Filter: MAC address, protocol, IP, Port, URL blocking Excessive PING event log DMZ/multi-DMZ VPN (PPTP, IPSec) pass through IEEE 802.1x Service time allocation
Remote Access:	Virtual sever Exposed Host (DMZ Host)
Maintenance:	Reset button for fast default setting recovery Event log (DHCP client, and PPPoE record) Built-in self diagnostic whenever power-on Date/Time stamp (MM/DD/YY hh:mm:ss) for event record
Mechanical:	LED Indicators: Power, Static, WAN, WLAN, LAN Dimension: 220 X 132 x 38mm Weight: 550g Mounting: Desktop, ceiling or wall-mounted
Certification:	FCC Part 15; ETSI 300 328; ETSI 300 826, DGT