

KW5801 WiFi 11g 1-Ethernet Port ADSL2/2+ Router

Specification

Standards

- ANSI T1.413 issue 2
- ITU G.992.1 (G.dmt)
- ITU G.992.2 (G.lite)
- ITU G.994.1 (G.hs)
- ITU G.992.3(G.DMT.BIS)
- ITU G.992.5
- IEEE802.3
- IEEE802.3u
- IEEE 802.11b
- IEEE 802.11g

Network Protocols

- DHCP
- SNMP
- UPnP
- PPPoE
- PPPoA
- Syslog

Ports

- 1-10/100 LAN Ports (MDI/MDIX)

LEDs

- Power
- DSL
- ACT
- WLAN
- LAN

Device Management

- Telnet
- HTTP Web Management
- TFTP for Firmware Upgrade

Wireless Signal Rates

- IEEE 802.11b: 11, 5.5, 2, and 1Mbps
- IEEE 802.11g: 54, 48, 36, 24, 18, 12,9, 6Mbps

Media Access Control

CSMA/CA with ACK

DHCP

Server and Client

Routing Protocols Supported

TCP/UDP, ARP, RARP, ICMP, DHCP, DNS, RIPv1 (RFC 1058), RIP v2 (RFC1389), IGMP, PPPoE, IGMP, P2PP

Security

- 64/128/256-bit WEP
- WPA -Wi-Fi Protected Access (TKIP, MIC)
- WPA-PSK (Pre-Shared Key)

Radio and Modulation Type

- IEEE 802.11b: DQPSK, DBPSK, DSSS, and CCK
- IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM, OFDM

Channels

- 11 Channels (US)
- 13 Channels (Europe and Japan)

Wireless Frequency Range

- 2400 ~ 2484.5Mhz ISM Band

Safety & Emissions

- CE
- CCC
- UL

Modulation Technology

- Orthogonal Frequency Division Multiplexing (OFDM)
- Complementary Code Keying (CCK)
- Packet Binary Convolutional Code (PBCCTM)

Wireless Operating Range

- Indoors: Up to 328 feet (100 meters)
- Outdoors: Up to 1,312 feet (400 meters)

VPN Pass Through

- L2TP
- PPTP
- IPSec

Power

- Output: 12V AC, 1A
- Max Power Consumption: <10W

Operating Temperature

32°F to 131°F (0°C to 55°C)