

Wireless AP/Router 802.11b/g

Signamax Wireless AP Router 065-1788, IEEE802.11b/g standard compliant, is a high quality and reliable Internet routing and security device, enables multiple users to share the Broadband Internet connection with or without wires through a Cable or DSL modem. Simply install the router, connect to Cable/DSL modem, and surf Internet without extra efforts. Acting as a 10/100 Mbps 4-Port Ethernet switch as well, the router, with all ports supporting MDI/MDIX, allows you to use CAT5 cable to uplink to other routers/switches.

The Wireless 11b/g AP Router is featured with advanced security technology, supporting WEP, WPA-PSK, WPA (Wi-Fi Protected Access) TKIP/AES, WPA2 and RADIUS. With the router, your network is armed with the highest levels of protection. The Router provides a total solution for the Small and Medium-sized Business (SMB) and the Small Office/Home Office (SOHO) markets, giving you an instant network today, and the flexibility to handle tomorrow's expansion and speed.



Model 065-1788

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PART NO.	DESCRIPTION
065-1788	Wireless AP/Router 802.11b/g

SPECIFICATIONS

DATA RATE

11 Mbps (11b mode), 54 Mbps (11g mode)

STANDARDS

IEEE 802.11b / 802.11g (Wireless),

IEEE 802.3 / 802.3u (Wired)

Operating Radius: Indoor: 100 m, Outdoor: 300 m

Bridging: IEEE 802.1x, Software bridge between wireless and wired LAN

Routing: Static Routing

RIP version 1 (RFC 1058) and version 2 (RFC 1723)

NAT (Network Address Translation)

NAPT (Network Address and Port Translation)

DHCP (Dynamic Host Configuration Protocol) Server/Client

SECURITY & MANAGEMENT (FEATURE)

64/128 bits WEP Encryption and SSID

WPA/ WPA2, Clone MAC

SNMP (simple Network Management Protocol) v1, v2

Supports DDNS

Supports RADIUS Client

Configuration of NAT/NAPT

Supports Virtual Server and Virtual DMZ

Provides MAC filter, Client filter, and URL/IP filter

WAN, LAN, DMZ and AP statistics

Restore to Factory Default

System Log

UPnP, ALG and Help

WDS (only / AP)

AP (Bridge / Getway mode)

Software Upgrade through Web

Firewall

ENVIRONMENTAL

Interface: LAN x 4, WAN x 1

LED Indicators: POWER, LINK (WLAN), ACT (WLAN), LAN x 4, WAN

Wireless Frequency: 2.400 – 2.4835 GHz

Receiver Sensitivity:

IEEE 802.11: -84 dBm (Typical),

IEEE 802.11g: -60 dBm (Typical)

Transmit Output Power: 11b: 19±1 dBm, 11g: 15±1 dBm

Power: AC 9V, 1A

Dimension (L x W x H): 160 x 95 x 30 mm

Weight: 200g

Temperature: 0° – 45°C (Operating), -20° – 70°C (Storing)

Humidity: 5-95% Non-Condensing

Supported OS: Windows 98SE, ME, 2000, XP, NT4.0, Mac and Linux

Regulations: FCC Part 15 class B, CE



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FEATURES & BENEFITS

- Maximum transfer rate up to 85 Mbps from WAN to LAN, 100 Mbps LAN to LAN and 11/54 Mbps through wireless channel enables High-speed access to ISP or corporate network
- Friendly GUI Configuration and Management software
- Supports IEEE 802.3 full duplex flow control
- Built-in DHCP server automatically assigns IP address to all workstations on your LAN
- 802.11b/802.11g provides WEP Encryption and SSID functions for security purpose
- Supports MAC filter, Client filter, URL and IP filter blocking and Hacker pattern detection
- Supports ALGs (Microsoft NetMeeting, MSN Messenger, Windows Media Player, DirectX 8.0, PPTP pass through, IPSec pass through, FTP, ICMP, SMTP, POP3, DNS, Telnet, HTTP, HTTPS, H.323, SIP, Real Audio, CuSeeMe, AOL and Games)