Wireless AP/Router 802.11a/b/g

065-1756 Wireless 802.11a/b/g AP/Router is a complete all-in-one networking solution for homes and small/medium enterprises. With its built-in 4x 10/100 Mbps auto-sensing Ethernet switch ports, users can link multiple computers to Internet without any hassle. The built-in wireless function can let you connect wirelessly with your desktop or notebook computers from up to 300 meters away, and simultaneously in wireless A and G. The Wireless Router provides multiple levels of security: 64-bit/128-bit key WEP, WPA data encryption for high-level security. Moreover, the use of IEEE 802.1X offers an effective framework for authenticating and controlling user traffic to a protected network, as well as dynamically varying encryption keys. Proprietary wireless range extension technology expands wireless range at lower bit rate. 065-1756 is a special design for local network users to resist hackers from attacking your private network and share networking resource. Not only with the NAT as natural firewall, the build-in powerful advanced firewall proceeds SPI (Stateful Packet Inspection), stops LAN users accessing inappropriate web site, as well as setting the Internet accessing time schedule. Content filtering shields children from any inappropriateness allowing you to set levels for nudity, sex, violence, and language.

Model 065-1756

FEATURES

- **Provides High performance universal wireless network connectivity**
- **Ideal for multi-media data transmission with high speed wireless performance**
- **Enhanced security management to protect user network**
- **Supports VPN pass through, including IPSec and PPTP**
- **Supports routing ability**
- **Easy and fast installation and setup**

Wireless AP/Router 802.11 a/b/g

PART NO.	DESCRIPTION
065-1756	Signamax Wireless AP/Router 802.11a/b/g

SPECIFICATIONS

INTERFACE
Host Interface: WAN: 1x10/100Base-Tx (auto MDI/MDIX sensing)
LAN: 4x10/100Base-T Ethernet switch port (auto sensing)
LED indicator: LED x9: Power; DMZ, 11a, 11g, LAN1–LAN4, Internet
Antenna: 802.11a: 4dBi (Peak Gain), 802.11g: 2 dBi (Peak Gain)

RADIO CHARACTERISTICS
Frequency Band: 802.11a:
US: UNI-Band 5.15 – 5.35 GHz,
EU: UNI-Band 5.15 – 5.35 GHz
UNI-Band 5.47 – 5.725 GHz, 802.11b/g: ISM band 2.4 – 2.4835 GHz
Modulation: 802.11a/g: OFDM, 802.11b: CCK, DQPSK, DBPSK
Receive Sensitivity: 802.11a/g: 6 Mbps – 10-5 BER @ -91 dBm,
9 Mbps – 10-5 BER @ -90 dBm, 12 Mbps – 10-5 BER @ -89 dBm,
18 Mbps – 10-5 BER @ -88 dBml, 24 Mbps – 10-5 BER @ -85 dBm,
36 Mbps – 10-5 BER @ -82 dBm, 48 Mbps – 10-5 BER @ -75 dBm,
54 Mbps – 10-5 BER @ -72 dBm, 108 Mbps – 10-5 BER @ -69 dBm
Transmit Power: 802.11a: Max. 16 dBm @ 16QAM R3/4,
802.11g: Typ: 16 dBm @ Normal Temp Range,
802.11b: Typ: 18 dBm @ Normal Temp Range
Data Rate:
802.11b: 11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps, (Auto fallback);
802.11a/g: Auto fallback
Operating Range[1]:
802.11a: Up to 50 m (Indoor)
802.11g: Up to 100 m (Indoor)
Power Supply: Input: AC 85 – 230V, 0.35A Output: DC 5V, 2.5A

REQUIREMENT
Operating Systems: Win98SE/ME/2000/XP

ENVIRONMENTAL
Dimension (L x W x H): 198 x 160 x 33 mm
Weight: 700 g
Temperature: 0° – 40°C (Operating), -20° – 70°C (Storing)
Humidity: Operating 10-85% Non-Condensing,
Storage 5-90% Non-Condensing

SOFTWARE FEATURES
Standard: 802.3, 802.11a, 802.11b, 802.11g
Protocol Support: TCP/IP, NetBEUI, IPX/SPX
Basics: DHCP client/server, NAT, PPPoE Client,
DNS Proxy/Relay, Dynamic DNS
Security: 64/128-bit WEP encryption, WPAI802.1x
(Authentication)MAC address filtering, IP Filtering,
Content Filtering, DoS prevention, Time-of-Day ACL
Advanced: DMZ Hosting, UPnP, VPN pass-through
(IPSec/PPTP/L2TP), NTP
Management: Embedded Web configuration, Web, firmware
upgrade, configuration backup and restore are supported,
DHCP, Static IP, PPPoE, and PPTP login support

CERTIFICATION: FCC class B, CE Mark

WARRANTY: 2 years

PACKAGE CONTENT
Wirelress 802.11a/b/g Broadband AP/Router
CD-ROM with User Guide, Quick Installation Guide, DC Power
Adapter, RJ45 Cat. 5, UTP cable

[1] The transmission speed varies in the surrounding environment

NETWORK CONNECTIVITY SYSTEMS

www.signamax.eu