Wireless Outdoor Access Point 802.11a/b/g

Signamax 065-1761 Wireless 11a+g Dual-Band Outdoor Access Point w. Integrated 20dBi Outdoor Flat Antenna can be accessed in all three 802.11 wireless networks. 065-1761 contains two separate wireless connectivity radio transceivers, which support all three popular wireless networking specifications. One of the two transceivers uses 2.4 GHz frequency band and supports both wireless 802.11b and 802.11g, which offers up to 11 Mbps and 108 Mbps data rate respectively. The other transceiver uses 5 GHz frequency band and supports wireless 802.11a, also up to 108 Mbps. Since two radio waves operate in different frequency bands, they can work simultaneously and cover your wireless zone with high-speed performance. In terms of security, 065-1761 offers up to 128-bit WEP/WPA Encryption and also includes MAC address filtering, which allows you to assign Internet Access to those you permit. The configuration and installation is made to be simple and fast following the web browser-based setup wizard.

Model 065-1761

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FEATURES & BENEFITS

- **Protocol Support TCP/IP, IPX, NetBEUI**
- **Security Up to 64bit/128-bit WEP & WPA, MAC address filtering**
- **MAC address filtering, IP Filtering, Content Filtering**
- **DoS prevention, Time-of-Day ACL**
- **Operating mode AP, AP Client, Repeater, P2P & P2MP Bridge**
- **Management Built-in HTTP Server for setup and remote management via any browser**

SPECIFICATIONS

RADIO CHARACTERISTICS
Standard IEEE 802.11a 802.11b and 802.11g for WLAN; 802.3 for wired LAN
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 802.11b: 11 Mbps & 5.5 Mbps CCK;
2 Mbps: DQPSK;
1 Mbps: BPSK
802.11g and 802.11a: OFDM
Media Access Protocol CSMA/CA with ACK
Transmit Power 802.11a: Max 16dBm@16QAM R3/4
802.11g: Typ. 16 dBm @ Mormal Temp Range
802.11b: Typ. 18 dBm @ Mormal Temp Range
Receive Sensitivity 802.11a: 6 Mbps 10 – 5 BER @ -91dBm;
54 Mbps 10–5BER @ -72 dBm; 108 Mbps 10–5BER @ -69dBm
802.11g: 11 Mbps 10–5 BER @ -85dBm;
54 Mbps 10–5 BER @ -72 dBm; 108 Mbps 10-5BER @ -69dBm
Data Rate 802.11b: 11, 5.5, 2, 1 Mbps, auto fallback
802.11g & 802.11a: 108, 54, 48, 36, 24, 18, 12, 9, 6 Mbps

INTERFACE
Ethernet LAN One 10/100Base-T Ethernet switch port (auto sensing)
Integrated Outdoor 20 dBi Flat Antenna 5.150 – 5.875 GHz
Interface for 2,4 GHz Antenna (SMA)
Reset Button Reset to default setting (hold the reset button after 6 sec), 802,3af PoE support

ENVIRONMENTAL
Dimension: 190 x 216 x 50 mm
Weight: 1,800 g
Temperature: -20° – 60°C (Operating), -20° – 70°C (Storing)
Humidity: 95% Non-Condensing

POWER SUPPLY
Input Input: AC 85 – 230V, 0.35A
Output Output: DC 5V, 2.5A

CERTIFICATION: FCC class B, CE Mark

WARRANTY: 2 years

PACKAGE CONTENT
One Wireless Outdoor AP, One CD-ROM with User Guide
One DC Power Adapter, One Quick Installation Guide
One RJ45 Cat.5 UTP cable

Wireless Outdoor Access Point 802.11a/b/g

PART NO.	DESCRIPTION
065-1761	Wireless 11a+g Dual-Band Outdoor Access Point w. Integrated 20dBi Outdoor Flat Antenna

NETWORK CONNECTIVITY SYSTEMS

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