

## WIRELESS LAN

The Signamax 065-1753PoE is a concurrent dual-band IEEE802.11a & 802.11g Wireless Access Point. With a web-based UI, the 065-1753PoE is easy to setup and maintain. All functions can be configured with the exclusive, easy and friendly user interface via web browsers.

# Signamax 802.11a/b/g Dual-band Wireless AP with PoE

## WIRELESS FEATURES

- Access point supported
- Roaming supported
- IEEE 802.11a/b/g compliance
- Wireless Channels Support
- Automatic Wireless Channel Selection
- Multiple BSSID support
- WMM support
- Tx Power Adjustment
- Transmit Data Rate
- Domain Selection
- Preamble Type: long or short support
- RTS Threshold Adjustment
- Fragmentation Threshold Adjustment
- Beacon Interval Adjustment
- SSID assignment
- Short Slot time support
- CTS-only & CTS/RTS protect mechanism support
- DFS (Dynamic Frequency Selection) Support
- TPC (Transmit Power Control) Support
- Auto Sensing Open System / Share Key authentication



## Signamax 802.11a/b/g Dual-band Wireless AP with PoE

PART NO.	DESCRIPTION
065-1753PoE	Signamax 802.11a/b/g Dual-band Wireless AP with PoE

## SPECIFICATIONS

### HARDWARE SPECIFICATION

- Chipsets:** Atheros  
**DRAM:** 16 Mbytes  
**Flash:** 4 Mbytes  
**LAN Port:** 1 x Auto-MDIX RJ45 10/100Mbps PoE port  
IEEE 802.3af compliance  
**802.11b/g:** Network Standard IEEE 802.11b (Wi-Fi™) and IEEE 802.11g compliance  
Operating Frequencies 2.412-2.472 GHz, 2.484 GHz  
**802.11a:** Network Standard IEEE 802.11a compliance  
Operating Frequencies:  
FCC: 5.15-5.35 GHz, 5.725-5.825 GHz  
Europe: 5.15-5.35 GHz, 5.47-5.725 GHz  
Japan: 4.90-5.00 GHz, 5.03-5.091 GHz, 5.15-5.125 GHz  
**Antennas:** 2 x 5dbi detachable single band antennae, one for 5GHz, the other for 2.4 GHz  
**Power Adapter:** DC 12V/1A

### OPERATION MODE

- Common AP, PTP Bridge  
PTMP Bridge, Repeater

### PERFORMANCE

- Temperature: 0° to 45° C (Operating), -20° to 70° C (Storage)

### MANAGEMENT

- Web based configuration  
Configurable Web port  
RADIUS Accounting  
RADIUS-On feature  
RADIUS Accounting update  
Message Log  
Access Control list file support  
Configuration file backup/Restore  
Statistics support  
RADIUS DNS name  
SNMP v1 & v2c  
Device discovery program/Windows Utility

### SECURITY

- Open, Shared, WPA, and WPA-PSK authentication  
64bit/128bit WEP, TKIP, AES-CCMP support  
802.1x support  
EAP-MD5, EAP-TLS, EAP-TTLS, PEAP  
RADIUS based MAC authentication  
Block inter-wireless station communication (wireless separation)  
Block SSID broadcast

### CERTIFICATIONS

- FCC Class B, CE Class B

## NETWORK CONNECTIVITY SYSTEMS

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**SIGNAMAX**<sup>™</sup>  
CONNECTIVITY SYSTEMS