

SWE1210

Indoor Access Point



OVERVIEW

SWE1210 is a 300Mbps wireless-n ceiling mount AP which offers users extended coverage, strong penetration, secure network management and simple connection.

Maxima 29dBm high power transmission provides extended coverage and at least 3 floors penetration in your environment. MSSID + VLAN make your data more secure and easy management. Standard PoE interoperable with 802.3af makes internet connection more flexible.

SWE1210 designed as a Ceiling mount AP which will not violate your interior decoration. Only 3 setup steps make setting AP up simpler. SWE1210 is the perfect choice in home and small business.

BENEFITS

- Supports industry wireless encryption standards such as Wi-Fi Protected Access (WPA/WPA2).
- Management through SNMP V1/V2c.
- Backup/ Restore Setting
- DHCP server with Lease Time and Client list.
- Three mode operation b/g/n for 802.11.
- Multiple BSSID (4) for 2.4Ghz each BSSID should has its own WiFi & security settings

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Wireless Radio Specification

- Single Radio:
 - 2.4GHz: 802.11b/g/n with max data rate up to 300Mbps.
- Transmit Power [maximum Value]:
 - 2.4GHz: 29dBm.
 - Maximum transmit power is limited by regulatory power.
- Supported Radio Technology:
 - 802.11b: direct-sequence spread-spectrum (DSSS).
 - 802.11g/n: orthogonal frequency division multiplexing (OFDM).
- Channelization
 - 802.11n with 20/40 MHz channel width
 - 802.11b/g with 20 MHz channel width
- Supported Modulation:
 - 802.11b: BPSK, OPSK, CCK
 - 802.11g/n: BPSK, QPSK, 16-QAM, 4-QAM.
- Supported data rates (Mbps):
 - 802.11b: 1, 2, 5.5, 11
 - 802.11g: 6, 9, 12, 18, 24, 36, 48, 54
 - 802.11n: 6.5 to 300 (MCS0 to MCS15)

Physical Characteristics

- Power Source:
 - DC Input: 12 VDC /1A
 - PoE: compatible with 802.3af
- Internal High Gain Antennas
 - 2 x 5dBi 2.4GHz antennas
- Interface
 - 1 x 10/100/1000 BASE-T Ethernet (RJ45)
 - 1 x DC power connector
 - 1 x reset button
- Dimensions / Weight
 - 125.63 x 63.58mm (Diameter x Height)
 - 226g
- Environment
 - Operating temperature: 0°C~50°C
 - Operating humidity: 0% 90% typical
 - Storage temperature: -20T-60°C
- Mounting
 - Ceiling mount or wall mount

Wireless

- Operating Modes
 - AP / WDS / Repeater
- Auto Channel Selection
 - Setting varies by regulatory domains
- SSIDs:
 - Supports up to 8 SSIDs
- VLAN Tag / VLAN Pass-through
- Wireless Client List
- Guest Network
 - Allocates a separate network segment for guest access within the same WLAN.
- QoS:
 - Supports 802.11e/WMM
- Band Steering
 - Moves 5GHz-compatible clients to 5GHz band to ease traffic congestion on 2.4GHz band.
- Mobility
 - PMKSA support for fast roaming
- Security
 - WEP encryption: 64/128/152-bit
 - WPA/WPA2 Enterprise/PSK
 - Hidden SSID
 - MAC address filtering (up to 50 MAC)
 - Station separation

Management

- Configuration
 - Web interface (HTTP)
 - SNMP v1/v2c/v3 with MIBI/IIand private MIB
 - CLI (Telnet)
- Firmware Upgrade
 - Web interface or CLI (FTP/HTTP)
- Backup / Restore Settings
 - Revert to factory default settings
- Syslog Notification
 - Provides a network monitoring tool for administrators to stay informed upon configuration change or network errors.