DA2131-V1

802.11n Outdoor Wireless Access Point

DEPENDABLE WIRELESS ACCESS OUTSIDE THE HOME

The Legrand 802.11n Outdoor Wireless Access Point extends the range of the home network to backyards, porches, decks and patios. Weather resistant with IP 55 casing protection, the Outdoor WAP is suitable to be installed in outdoor environments and exposed locations as well as indoors, and will operate normally under conditions including rain and wind. With connection speeds of up to 150Mbps, this Outdoor WAP flawlessly supports even the most bandwidth-intensive wireless applications such as streaming video services and web browsing.

- Provides robust Wi-Fi access for exterior applications in addition to indoors
- Speeds up to 150Mbps
- Water resistant IP 55 casing protects device in poor weather conditions
- Power and data through a single Cat 5 or Cat 6 cable
- Installs easily using one cable
- 12V Power-over-Cat 5 injector included
- Mounts on wall or to pole
- High power output

RELATED PRODUCTS

DA1101
802.11n Wireless Access Point

DA1458
8-port Gigabit Switch with PoE

DA1054
4-port Gigabit Router/Switch

DA2400
Power over Ethernet Injector

SPECS

Product	2.4GHz 802.11n Wireless Indoor / Outdoor Access Point
Part Number	DA2131-V1

HARDWARE SPECIFICATION

Standard Support	IEEE802.11b/g IEEE 802.11n IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3x Flow Control
Default IP Address	192.168.40.252
User/Password	admin/admin
Chipset	Ralink RT3050
Memory	16 Mbytes DDR SDRAM 4 Mbytes Flash
Interface	Wireless IEEE 802.11b/g/n LAN: 1 x 10/100Base-TX, Auto-MDI/MDIX WAN: 1 x 10/100Base-TX, Auto-MDI/MDIX
Antenna	Internal (Default): 12dBi directional antenna (Vertical-Polarization) • Horizontal: 60 degree • Vertical: 30 degree • External (Option): RP-SMA type Connector • Switchable by Software • For External Antenna Mode, attach antenna before power on
Enclosure	IP55 waterproof case
PoE	• Passive PoE / 12V DC • Reset Button on PoE Injector • LAN RJ-45 Pin Assignment: PIN 4(+), PIN 7,8(-), PIN 5(Reset)
Dimension	225 x 77 x 60 mm
Weight	255g

WIRELESS INTERFACE SPECIFICATION

Frequency Band	2.4~2.4835GHz
Modulation	Transmission/Emission Type: DSSS / OFDM
Data Modulation Type	OFDM with BPSK, QPSK, 16-QAM, 64-QAM, DBPSK, QPSK, CCK
Data Rate	• 802.11b: 11, 5.5, 2 & 1 Mbps with auto-rate fall back 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps • 802.11n (20MHz): up to 72Mbps • 802.11n (40MHz): up to 150Mbps
Power Requirements	12V DC, 1A (switching)

WIRELESS MANAGEMENT FEATURES

Wireless Modes	AP, Client, WDS PtP, WDS PtMP, WDS Repeater (AP+WDS), Universal Repeater (AP+Client)
Channel Width	20MHz / 40MHz
Encryption Security	64/128-bits WEP WPA, WPA-PSK WPA2, WPA2-PSK 802.1X
Wireless Isolation	Able to isolate each connected wireless clients for independent access.
Wireless Security	Provides wireless LAN ACL (Access Control List) filtering • Wireless MAC address filtering • WPS (WIFI Protected Setup) • Enable/Disable SSID Broadcast
B/G Protection Mode	A protection mechanism prevents collisions among 802.11b/g modes
Max. Wireless Client	25
Max. WDS AP	4

SOFTWARE

LAN	• Built-in DHCP server supporting static IP address distributing • Supports UPnP • Supports IGMP Proxy, DNS Proxy • Supports 802.1d STP - Spanning Tree Protocol
WAN Protocol	Static IP, DHCP (Dynamic IP), PPPoE, PPTP, L2TP
VPN Passthrough	PPTP, L2TP, IPSec
Operating Mode	Bridge, Gateway, Ethernet Converter (WISP)
Firewall	• NAT firewall with SPI (Stateful Packet Inspection) • Built-in NAT server supporting Port Forwarding (Virtual Server), and DMZ • Built-in firewall with Port / IP address / MAC / URL filtering
Max. Wired Client	60
NTP	Network Time Management
Management	Web UI, DHCP Client, Configuration Backup & Restore, Dynamic DNS
Diagnostic Tool	System Log

ENVIRONMENT & CERTIFICATION

Operation	Temp: -20~70 Degree C Humidity: 10~95% non-condensing
Storage Temp	-30~80 Degree C Humidity: 5~95% non-condensing
Regulatory	CE / FCC / IC / RoHS

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