



RoHS compliant

Industrial Wireless Access Point

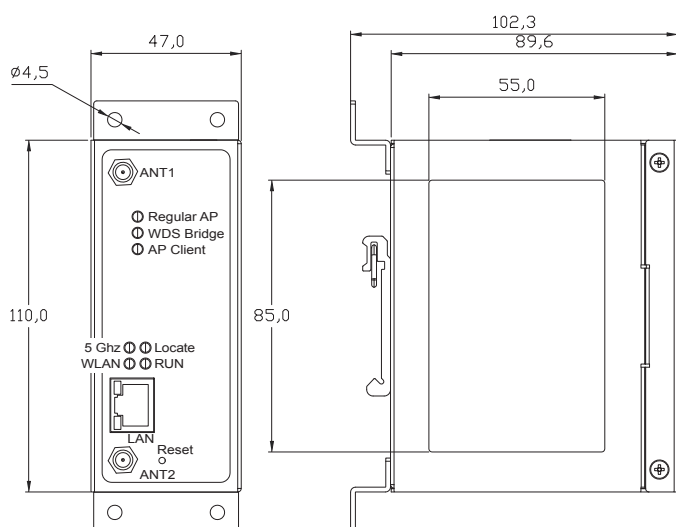
■ ■ AW5500

- Designed for 802.11a/b/g/n networks
- Operating temperature: -10°C ~ 60°C
- Web server/Utility configuration (Device View)
- Upgrade via Device View or Web server
- 5 GHz frequency support to reduce interference on 2.4 GHz with other wireless devices
- Client isolation
- Different operating modes and topology options (WDS Bridge and AP Client)
- FCC (United States), ETSI (Europe), and NCC (Taiwan) certified wireless equipment

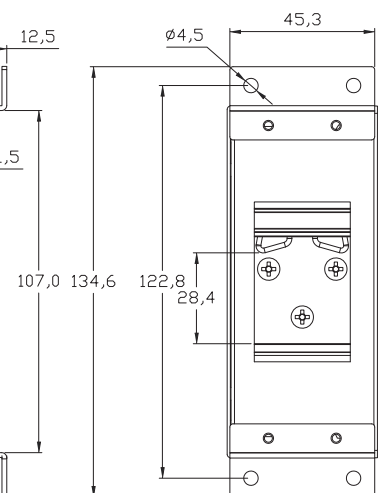
Suitable in a wide array of applications, the new AW5500 is able to withstand harsh conditions typically found in the industry.

AW5500 is also design thinking on your security, state of the art encryption as well as having the ability to create a virtual network among wireless clients; this level of communication between clients can be easily and intuitively controlled using this option, imposing restrictions on data and excluding malware at the same time. AW5500 embodies a strong wireless network manager that will surely deliver optimum performance in your network.

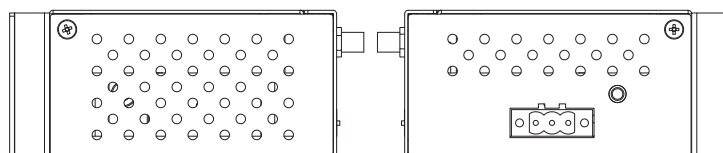
Front and Left Side View



Back and Right Side View



Top and Bottom View



Specifications

Power Characteristics

Input Voltage

9VDC-48VDC

Input Current(9VDC)

0.65A

Power Consumption

Approx. 5.85W (max)

Reverse Polarity Protection

Yes

Connection

3-pin Lockable Terminal Block

Mechanicals

Dimensions

47*110*90 mm

Installation

DIN-Rail, wall mount (optional kit)

Reset Button

Yes

Environmental Limits

Operating Temperature

-10°C ~ 60°C (14°F ~ 140°F)

Storage Temperature

-40°C ~ 85°C (-40°F ~ 185°F)

Ambient Relative Humidity

5 ~ 95% RH, (non-condensing)

Hardware Characteristics

Watchdog

Hardware built-in

Ethernet Switch & PHY

IEEE802.3ab 1000 Base-T

Wireless PCI-e Module

Atheros AR9382

Tx / Rx

2T2R MIMO (2x2 with MCS 0-15)

Wireless Standard

802.11a, 802.11b, 802.11g, and 802.11n

Conformance

Antenna

3/5 dBi Dual antenna design, SMA(R) Female connector

Regulatory Requirements

EMS

EN55032, EN55024

EMC

EN 301489-1/17 (Class A), FCC 15 Subpart B (Class A),
CNS 13438

Radio

FCC 15 Subpart C, FCC 15 Subpart E, EN 301893,
EN 300328, NCC LP00002

Test	Item		Value	Level
EN61000-4-2	ESD	Contact Discharge	±8KV	4
		Air Discharge	±15KV	4
EN61000-4-3	RS	Radiated(Enclosure)	10(V/m)	3
EN61000-4-4	EFT	AC Powe Port	±2.0 KV	3
		LAN Port	±2.0 KV	4
EN61000-4-5	Surge	AC Powe Port	Line-to-Line±1.0 KV	3
		AC Powe Port	Line-to-Earth±2.0 KV	3
		LAN Port	Line-to-Earth±2.0 KV	3
EN61000-4-6	CS	Conducted(Enclosure)	10 V rms	3
EN61000-4-8	PFMF	(Enclosure)	10(A/m)	3
Safety	UL60950-1/CB, EN60950-1, CNS 14336			
Shock	IEC 60068-2-27			
Freefall	IEC 60068-2-32			
Vibration	IEC 60068-2-6			
MTBF	22 years (MIL-HDBK-217F)			
RoHS	Yes			

Software Features

Operation Modes

AP, WDS Hybrid, AP Client

Wireless Security

WEP, WPA, WPA2, TKIP, AES, 802.1x

Network Security

Client Isolation, Firewall / Filtering,
Turn off Radio

Alerts Events

E-mail / SNMP Trap

Supported Protocol

ICMP, TCP, UDP, DHCP Server/Client,
DNS, SNMP, NTP, SMTP, HTTP, IPv4,
802.1x, RADIUS, STP/RSTP

Warranty

5 years

Ordering Information

AW5500

P/N:1P1AW550000001G
Industrial Wireless Access Point

Optional Accessories

AD17-24C (US-Y) Power Adapter

P/N: 50500151240002G
Y-Type power adaptor,100-240VAC input,
0.6A @ 24VDC output, US plug

AD17-24D (EU-Y) Power Adapter

P/N: 50500151240012G
Y-Type power adaptor,100-240VAC input,
0.6A @ 24VDC output, EU plug

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