

AMS-7131-AC Series

Industrial 802.11a/b/g/n/ac WiFi Access Point/Client/Bridge/Repeater



Features

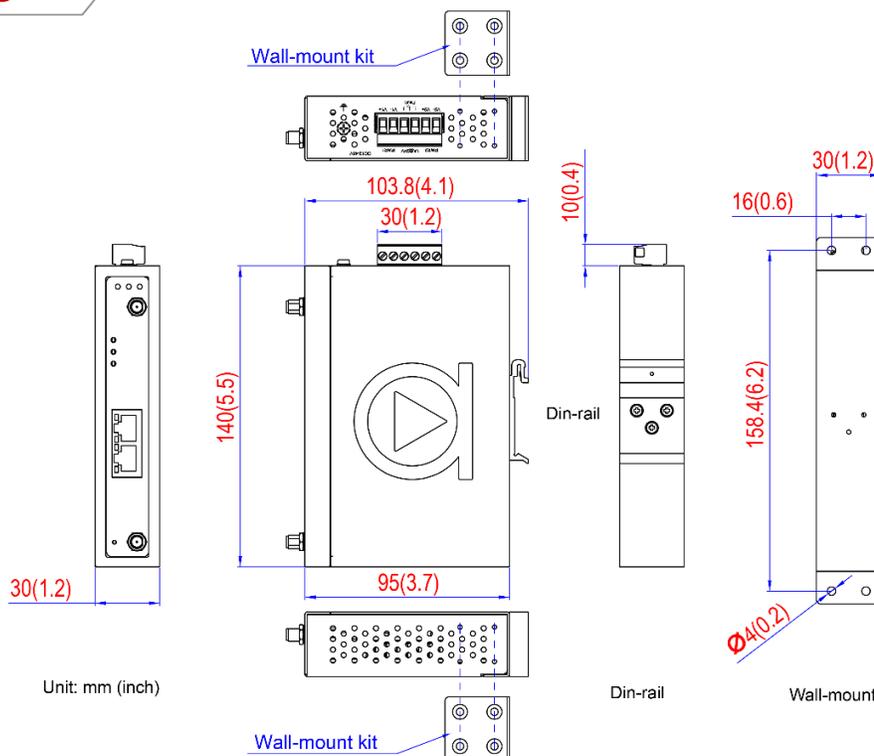
- ▶ Industrial 2x2 MIMO
- ▶ Qualcomm/Atheros QCA9892
- ▶ Supports IEEE 802.11 a/b/g/n/ac
- ▶ Supports 2*10/100Base-TX WAN/LAN Ports
- ▶ Tx Power 21 dB for 2.4GHz
- ▶ Tx Power 18 dB for 5GHz
- ▶ WPA, WPA2, TKIP, AES
- ▶ Power Input: 9~48VDC in 6-Pin Terminal Block
- ▶ Reverse Polarity Protection
- ▶ IP30 Protection
- ▶ DIN-Rail and Wall Mountable
- ▶ Operating Temperature – STD: 0°C to 60°C; EOT: -35°C to 70°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' AMS-7131-AC Series is a single radio industrial 802.11a/b/g/n/ac wireless LAN access point. Embedded with the Qualcomm/Atheros QCA9892 chipset, it boasts network robustness, stability, and a wide network coverage with a very low voltage input of 9V. Based on IEEE 802.11 a/b/g/n/ac, the access point supports high-speed data transmission of up to 867Mbps.

The AMS-7131-AC series is capable of operating in different modes, which makes it suitable for a wide variety of wireless applications including long-distance deployments. The unit also allows the user to position the wireless antenna in a better signal-broadcasting location for improved wireless coverage and signal strength or simply in a more convenient location.

DIMENSIONS



SPECIFICATIONS

Technology		Power Requirement	
Protocol	IP, TCP, UDP, ARP, BOOTP, ICMP, HTTP, HTTPS, DNS Proxy, NTP, RADIUS, Dynamic DNS, SNMP	Input Voltage	9–48VDC, Redundant Input
IEEE	IEEE 802.11 a/b/g/n/ac IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet	Power Connection	6-Pin Terminal Block
WLAN Operation Mode	AP/Client/Bridge/Repeater	Reverse Polarity Protection	Present
Encryption Security	WPA, WPA2, WPA3, WEP, TKIP, AES	Overload Current Protection	Present
Interface		Power Consumption	8 Watts
Ethernet Port	2*10/100Tx	Environmental Limits	
WLAN	Single Radio	Operating Temperature	STD: -10° to 60°C EOT: -35° to 70°C
Antenna	2*External Antenna	Storage Temperature	-40°C ~ 90°C
LED Indicators	Power, Fault, Wi-Fi Signal, Link, Activity	Ambient Relative Humidity	5 to 95%, (non-condensing)
Mechanical Characteristics		Regulatory Approvals	
Housing	Metal, IP30 Protection	EMI	FCC Part 15 Subpart B CE EN 55032 EN301489-1/-17 FCC Part 15 Subpart B CNS13438 AS/NZS CSIPR 32
Dimensions	30 x 140 x 95mm (W*H*D)	EMS	CE EN 55024 IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field) IEC61000-4-11
Weight	Unit: 0.60 lb. Shipping: 1.0 lb.	Free Fall	IEC60068-2-32
Mounting	DIN-Rail, Wall Mounting	Shock	IEC60068-2-27
		Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE
		Warranty	5 Years

ORDERING INFO

AMS-7131-AC	Industrial 802.11a/b/g/n/ac WiFi Access Point/Client/Bridge/Repeater, STD: -10°C to 60°C
AMS-7131-AC-T	Industrial 802.11a/b/g/n/ac WiFi Access Point/Client/Bridge/Repeater; EOT: -35°C to 70°C