AMS-7131-AC Series

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



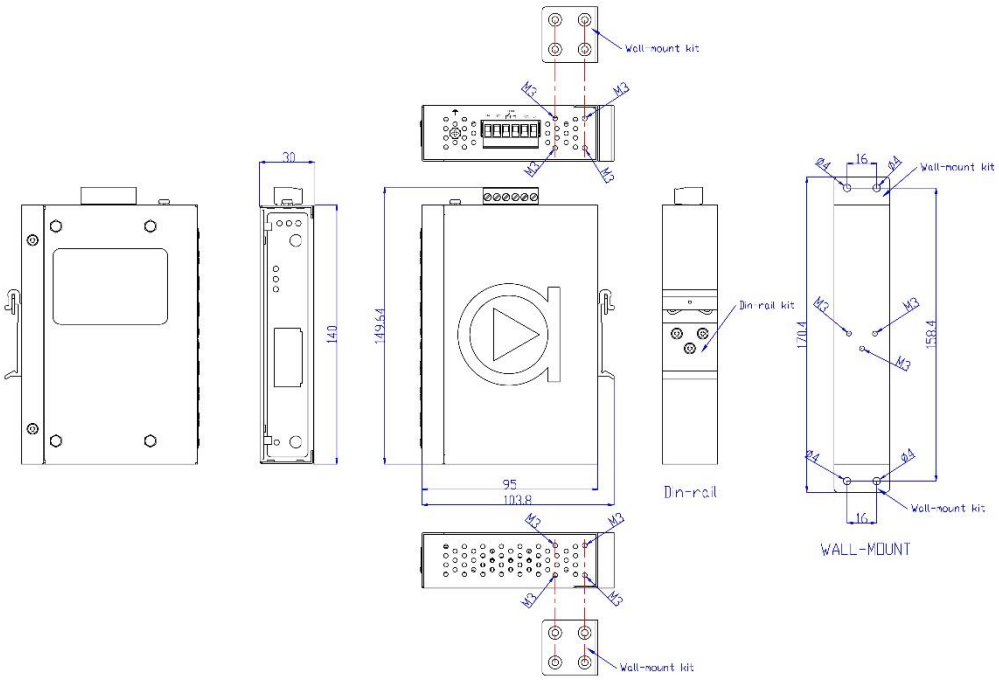
Features

- **Industrial 2x2 MIMO**
- **Qualcomm/Atheros QCA9892**
- **Supports IEEE 802.11 a/b/g/n/ac**
- **Supports 2*10/100Base-TX WAN/LAN Port**
- **Tx Power 21 dB for 2.4GHz**
- **Tx Power 18 bB for 5GHz**
- **WPA, WPA2, TKIP, AES**
- **Power Input: 9~48VDC in 4-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 wider network coverage with a very low voltage input of 9V.

DIMENSIONS



SPECIFICATIONS

Technology	
Protocol	IP, TCP, UDP, ARP, BOOTP, ICMP, HTTP, HTTPS, DNS Proxy, NTP, RADIUS, Dynamic DNS, SNMP
IEEE	IEEE 802.11 b/g/n/ac IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet
WLAN Operation Mode	AP/Client/Bridge/Repeater
Encryption Security	WPA, WPA2, WPA3, WEP, TKIP, AES
Interface	
Ethernet Port	2*10/100Tx
Jumbo Frames	Supported*
WLAN	Single Radio
Antenna	1*External SMA Antenna
LED Indicators	Power, Fault, Wi-Fi Signal, Link, Activity
Mechanical Characteristics	
Housing	Metal, IP30 Protection
Dimensions	26 x 95 x 75mm (W*H*D)
Weight	Unit: 0.60 lb. Shipping: 1.0 lb.
Mounting	DIN-Rail, Wall Mounting

Power Requirement	
Input Voltage	12~48VDC, Redundant Input
Power Connection	4-Pin Terminal Block
Reverse Polarity Protection	Present
Overload Current Protection	Present
Power Consumption	8 Watts
Environmental Limits	
Operating Temperature	STD: -10° to 60°C EOT: -35° to 70°C
Storage Temperature	-40°C ~ 90°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B CE EN 55032 EN301489-1/-17 FCC Part 15 Subpart B CNS13438 AS/NZS CSIPR 32
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
Free Fall	IEC60068-2-32
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