

# ARS-7234-AC-T

Industrial IEEE 802.11a/b/g/n/ac Dual Radio Wireless AP/Client/Bridge/Repeater; -40°C to 70°C



## Features

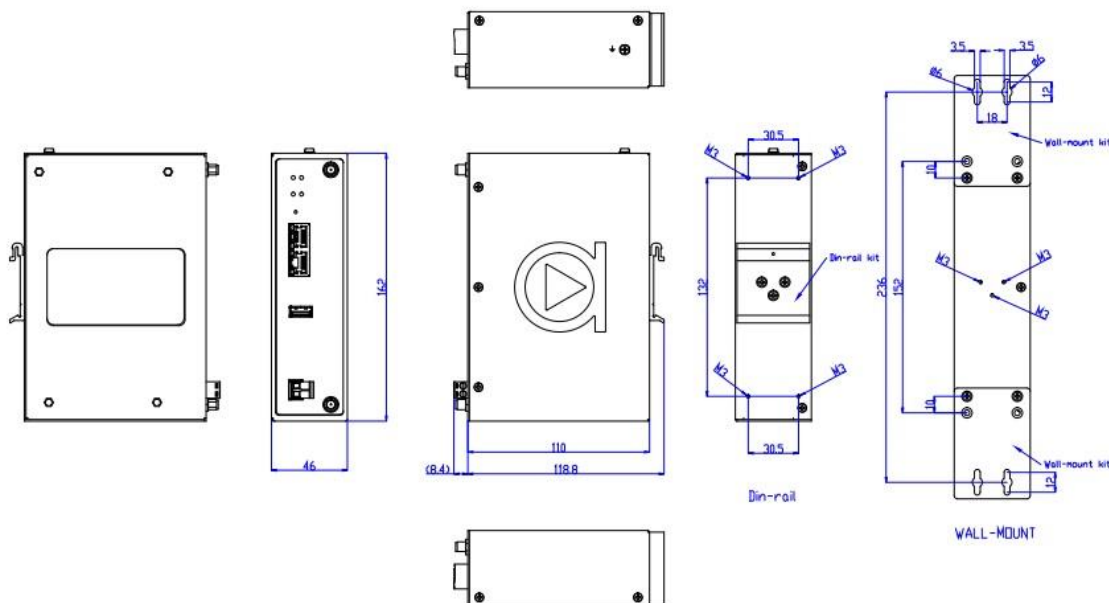
- ▶ High Speed WLAN Supports Up to 867Mbps
- ▶ Dual Radios (2.4GHz/5GHz concurrent)
- ▶ Industrial MIMO Wireless Solution (Dual 2Tx/2Rx)
- ▶ Support IEEE 802.11a/b/g/n/ac
- ▶ Support Ethernet Gigabit WAN/LAN port
- ▶ Qualcomm IPQ4029 Quad-Core Wi-Fi SoC
- ▶ Tx Power 24dBm for 2.4GHz/5GHz
- ▶ WEP, WPA, WPA2, TKIP, AES
- ▶ FCC, CE, NCC, RCM Certified
- ▶ Power Input: 9~24VDC in 2-Pin Terminal Block
- ▶ Reverse Polarity Protection
- ▶ DIN-Rail or Wall Mountable
- ▶ Operating Temperature Range: -40° to 70°C
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' ARS-7234-AC-T is designed for industrial and enterprise wireless access applications. Embedded with the Qualcomm IPQ4029 Quad-Core chipset, it boasts network robustness, stability, and wider network coverage. Based on IEEE 802.11a/b/g/n/ac, the access point supports high-speed data transmission of up to 867Mbps.

The ARS-7234-AC-T 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	
<b>Standards</b>	IEEE 802.11a/b/g/n/ac IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet
<b>WLAN Operation Mode</b>	AP/Client/Bridge/Repeater
<b>Protocol</b>	IP, TCP, UDP, ARP, BOOTP, ICMP, HTTP, HTTPS, DNS Proxy, NAPT, SNTP, RADIUS, Dynamic DNS, SMTP, SNMP
<b>WiFi Encryption</b>	WEP, WPA, WPA2, TKIP, AES
Interface	
<b>Ethernet Port</b>	WAN: 10/100/1000Mbps LAN: 10/100/1000Mbps
<b>WLAN</b>	Dual Radio 2.4GHz/5GHz concurrent
<b>Antenna</b>	Two External SMA Antennas: 3dBi for 2.4GHz, 5dBi for 5GHz (MIMO support, Dual 2Tx/2Rx)
<b>USB</b>	Configuration backup/restore, firmware update
Frequency Range	
<b>IEEE 802.11b/g/n (2.4GHz)</b>	2.412G~2.462GHz
<b>IEEE 802.11a/n/ac (5GHz)</b>	5.15G~5.25GHz, 5.725G~5.85GHz
Mechanical Characteristics	
<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	46 x 162 x 110 mm (W x H x D)
<b>Weight</b>	Unit: 1.622 lbs. Shipping: 2.336 lbs.
<b>Mounting</b>	DIN-Rail Mounting, Wall Mounting

Power Requirement	
<b>Input Voltage</b>	9 to 24VDC
<b>Power Connection</b>	2-pin terminal block
<b>Reverse Polarity Protection</b>	Present
<b>Power Consumption</b>	18.9 Watts
Environmental Limits	
<b>Operating Temperature</b>	-40°C to 70°C
<b>Storage Temperature</b>	-40°C to 80°C
<b>Ambient Relative Humidity</b>	5% to 95%, (non-condensing)
Regulatory Approvals	
<b>EMI</b>	FCC Part 15 Subpart B CE EN 55032, EN301489-1/-17 FCC Part 15 subpart B CNS13438 AS/NZS CSIPR 32
<b>EMS</b>	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
<b>RF</b>	FCC Part 15 Subpart C/E CE-RED EN300328 EN301893 EN301489-1/-17 LP0002 AS/NZS 4268
<b>RF Radiation Exposure</b>	EN62311 FCC Part 2.1091
<b>Safety</b>	EN60950-1 CNS14336-1
<b>Green</b>	RoHS Compliant
<b>Certifications</b>	FCC, CE, NCC, RCM
<b>Warranty</b>	5 Years

## ORDERING INFO

**ARS-7234-AC-T** Industrial Outdoor IP67 IEEE 802.11a/b/g/n/ac Dual Radio Wireless Access Point/Client/Bridge/Repeater; -40°C to 70°C

### Optional Accessories

<b>HDR-60-24</b>	60W Industrial DIN-Rail Power Supply, 24VDC
<b>NDR-75-12</b>	75W Industrial DIN-Rail Power Supply, 12VDC