

ARS-7235-AC Series

Industrial IEEE 802.11a/b/g/n/ac Wireless Access Point/Client/Bridge/Repeater/Router

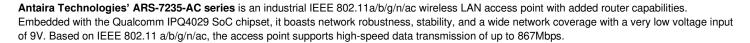




Features

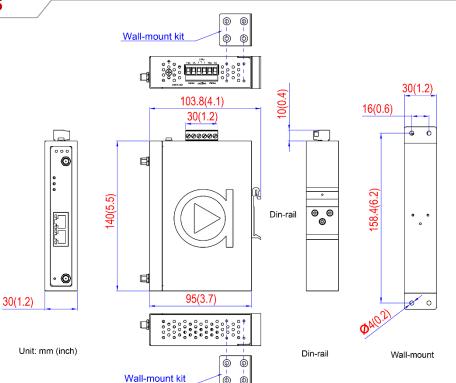
- ► Industrial 2x2 MIMO
- ► Qualcomm IPQ4029 SoC
- ► Supports IEEE 802.11a/b/g/n/ac
- ► Supports 2*10/100/1000 Base-TX WAN/LAN Ports
- Tx Power 25dB for 2.4GHz
- Tx Power 24bB for 5GHz
- ► WPA, WPA2, WPA3, WEP, TKIP, AES
- ► Power Input: 9~48VDC in 6-Pin Terminal Block
- Reverse Polarity Protection
- ► IP30 Protection
- ► DIN-Rail and Wall Mountable
- ▶ Operating Temperature Range: STD: -10°C to 60°C; EOT: -35°C to 70°C
- 5-Year Warranty

INTRODUCTION



The ARS-7235-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 antennas in a better signal-broadcasting location for improved wireless coverage and signal strength or simply in a more convenient location.

DIMENSIONS





SPECIFICATIONS

Technology	Technology		
Standards	IEEE 802.11a/b/g/n/ac Wireless LAN IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet		
Protocol	IP, TCP, UDP, ARP, BOOTP, ICMP, HTTP, HTTPS, DNS Proxy, NTP, Dynamic DNS, SMTP, SNMP		
WLAN Operation Mode	AP/Client/Bridge/Repeater/Router		
Encryption Security	WPA, WPA2, WPA3, WEP, TKIP, AES, RADIUS, 802.1x/EAP		
Interface			
Ethernet Port	2*10/100/1000Tx		
WLAN	Dual Band 2.4GHz/5GHz concurrent		
Antenna	2*External SMA Antennas: 3dBi for 2.4GHz, 5dBi for 5GHz (MIMO support, Dual 2Tx/2Rx)		
LED Indicators	Power, Fault, Wi-Fi Signal, Link, Activity		
Frequency Range			
IEEE 802.11a/b/g/n/ac (2.4GHz)	2.402G-2.482GHz, 25dBm		
IEEE 802.11a/b/g/n/ac (5GHz)	4.92G-5.92GHz, 24dBm		
Mechanical Charact	Mechanical Characteristics		
Housing	Metal, IP30 rated		
Dimensions	30 x 140 x 95 mm (W x H x D)		
Weight	Unit: 0.60 lb. Shipping: 1.0 lb.		
Mounting	DIN-Rail mounting, Wall mounting		

Power Requirement		
Input Voltage	9~48VDC Redundant Input	
Power Connection	1 removable 6-contact terminal block	
Reverse Polarity Protection	Present	
Overload Current Protection	Present	
System Power Consumption	3.5 Watts	
Environmental Limits		
Operating Temperature	STD: -10°C to 60°C EOT: -35°C to 70°C	
Storage Temperature	-40°C to 80°C	
Ambient Relative Humidity	5 to 90%, (non-condensing)	
Regulatory Approvals		
ЕМІ	FCC Part 15 Subpart B CE EN55032	
EMS	CE EN55024 IEC61000-4-2,3,4,5,6,8,11	
Free Fall	IEC60068-2-32	
Shock	IEC60068-2-27	
Vibration	IEC60068-2-6	
Green	RoHS Compliant	
Certifications	FCC, CE	
Warranty	5 Years	

ORDERING INFO

ARS-7235-AC	Industrial IEEE 802.11a/b/g/n/ac Wireless Access Point/Client/Bridge/Repeater/Router
ARS-7235-AC-T	Industrial IEEE 802.11a/b/g/n/ac Wireless Access Point/Client/Bridge/Repeater/Router; EOT: -35°C to 70°C

