

ARY-7235-AC-PD

Industrial Outdoor IP67 Plastic Housing IEEE
802.11a/b/g/n/ac Wireless Access
Point/Client/Bridge/Repeater/Router with PoE PD



Features

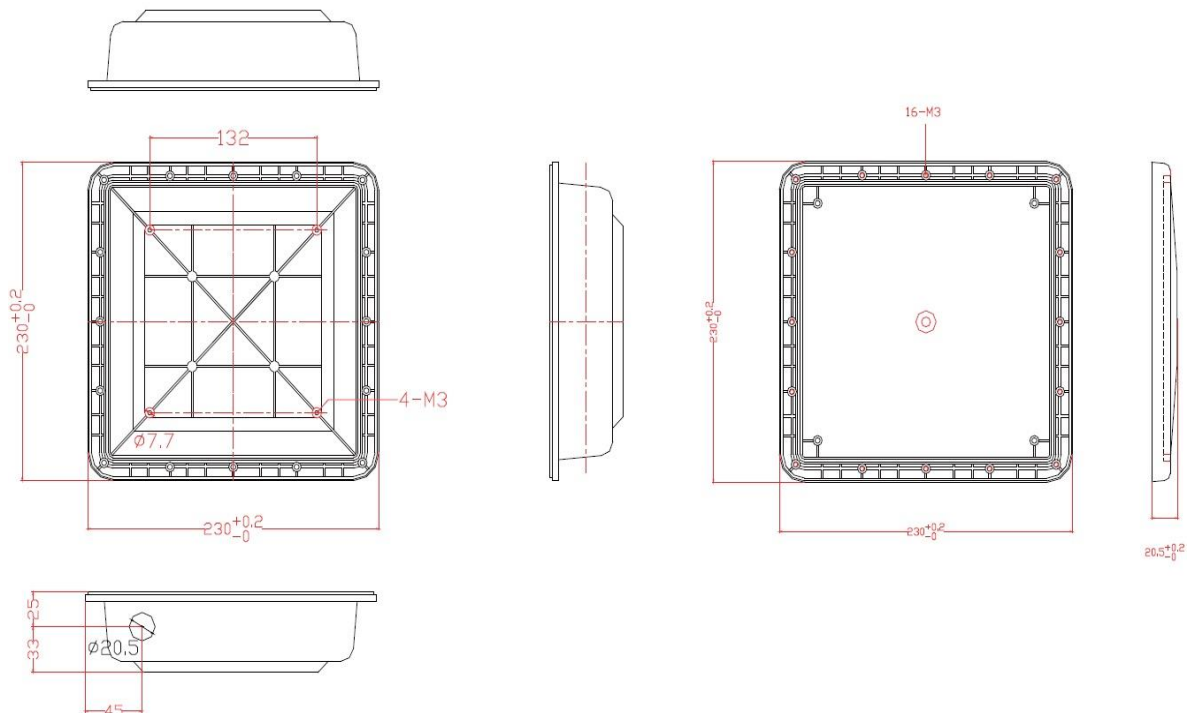
- ▶ High-speed WLAN Supports Up to 867Mbps
- ▶ Dual Band (2.4GHz/5GHz Concurrent)
- ▶ Industrial MIMO Wireless Solution (Dual 2Tx/2Rx)
- ▶ Supports IEEE 802.11a/b/g/n/ac
- ▶ PD (Powered Device) IEEE 802.3af/at Compliant
- ▶ Supports Ethernet Gigabit WAN/LAN Port
- ▶ Qualcomm IPQ4029 SoC
- ▶ Tx Power 25dBm for 2.4GHz/5GHz
- ▶ WPA, WPA2, WPA3, WEP, TKIP, AES
- ▶ IP67 Plastic Housing
- ▶ Pole Mountable
- ▶ Operating Temperature Range: -40°C to 50°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' ARY-7235-AC-PD is designed for industrial and enterprise outdoor wireless access applications. Embedded with the Qualcomm IPQ4029 SoC chipset, it boasts network robustness, stability and a 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 ARY-7235-AC-PD is capable of operating in different modes, which makes it suitable for a wide variety of wireless applications including long-distance deployments. With the standard operating temperature range of -40°C to 50°C and the plastic housing IP67 rated, this wireless access point is built for applications where extreme dust and other harsh environmental conditions exist.

DIMENSIONS



SPECIFICATIONS

Technology		Power Requirement	
Standards	IEEE 802.11a/b/g/n/ac Wireless LAN	Input Voltage	IEEE 802.3at PoE (48-56 VDC)
	IEEE 802.3 10Base-T Ethernet	System Power Consumption	4.2 Watts
	IEEE 802.3u 100Base-TX Fast Ethernet	Environmental Limits	
	IEEE 802.3ab 1000Base-T Gigabit Ethernet	Operating Temperature	-40°C to 50°C
	IEEE 802.3af/at Power over Ethernet	Storage Temperature	-40°C to 80°C
WLAN Operation Mode	AP/Client/Bridge/Repeater/Router	Ambient Relative Humidity	5% to 95%, (non-condensing)
Protocol	IP, TCP, UDP, ARP, BOOTP, ICMP, HTTP, HTTPS, DNS Proxy, NAPT, SMTP, Dynamic DNS, SMTP, SNMP	Regulatory Approvals	
Encryption Security	WPA, WPA2, WPA3, WEP, TKIP, AES, RADIUS, 802.1x/EAP	EMI	FCC Part 15 Subpart B CE EN 55032
Interface		EMS	CE EN 55024 IEC61000-4-2,3,4,5,6,8,11
Ethernet Port	WAN: 10/100/1000Tx LAN (PoE PD): 10/100/1000Tx	Green	RoHS Compliant
WLAN	Dual Band 2.4GHz/5GHz concurrent	Certifications	FCC, CE
Antenna	2*External N-Type Antennas: 5dBi for 2.4GHz, 5dBi for 5GHz (MIMO support, Dual 2Tx/2Rx)	Warranty	5 Years
Frequency Range			
IEEE 802.11b/g/n (2.4GHz)	2.402G~2.482GHz		
IEEE 802.11a/n/ac (5GHz)	4.920G~5.920GHz		
Mechanical Characteristics			
Housing	Plastic, IP67 rated		
Dimensions	230 x 58 x 230 mm (W x H x D)		
Weight	Unit: 2.689 lbs. Shipping: 4.047 lbs.		
Mounting	Pole mounting		

ORDERING INFO

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