

# Industrial Wireless Communications

WiFi Access points and routers

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WITH  
SECURE  
NETWORK



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making connectivity simple...

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**Antaira Technologies**  
is a leading developer  
and manufacturer that  
provides high-quality  
industrial networking  
and communication  
product solutions.



### AMS-2111-T

- WLAN Supports up to 150Mbps
- Industrial 1x1 SISO (Single Input Single Output)
- Supports IEEE 802.11 b/g/n
- Supports 2\*10/100Base-TX WAN/LAN port
- Qualcomm/Atheros AR9331 SoC
- Tx Power (EIRP) 21 dB for 2.4GHz
- WPA, WPA2, TKIP, AES
- Power Input: 9-48VDC in 4-pin terminal block
- Reverse Polarity Protection
- IP30 Protection
- DIN-Rail or Wall Mountable
- Operating Temperature Range
  - EOT: -40° to 75°C
- 5-Year Warranty



### AMS-7131-T

- Supports IEEE 802.11a/b/g/n with Link Speed up to 300Mbps
- Dual Band Radio 2.4GHz and 5GHz
- Supports AP, Client, Bridge, Router, and Repeater Mode
- Supports Spanning Tree Protocol (STP)
- WEP, WPA, WPA2, TKIP, AES
- CE, FCC, NCC certified
- Supports IEEE 802.1q VLAN Tagging
- Power Input: 9-24VDC in 2-pin terminal block
- Reverse Polarity Protection
- DIN-Rail or Wall Mountable
- Operating Temperature Range: - STD: 0° to 50°C, EOT: -40° to 70°C
- 5-Year Warranty



### ARS-7234-AC-T

- 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 (EIRP) 24dBm for 2.4GHz/5GHz
- WEP, WPA, WPA2, TKIP, AES
- CE, FCC, NCC, RCM certified
- Power Input: 9-24VDC in 2-pin terminal block
- Reverse Polarity Protection
- DIN-Rail or Wall Mountable
- Operating Temperature Range:
  - STD: 0° to 50°C, EOT: -40° to 70°C
- 5-Year Warranty

Since 2005, Antaira has offered a full spectrum of product lines that feature reliable Ethernet infrastructures, extended temperature tolerance, and rugged enclosure designs. Our product lines range from industrial Ethernet switches, industrial wireless devices, Ethernet media converters, and serial communication devices. Our vast professional experience allows us to deploy a wide array of products worldwide in mission-critical applications across various markets, such as, automation, transportation, security, oil & gas, power/utility, and medical. Antaira is ISO9001 certified.

Antaira Technologies' Wifi routers and Access points are designed for industrial and enterprise indoor and outdoor wireless access applications. Embedded with the newest chipsets 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.

Family starts from economical access points like AMS-2111 to complex ARS-7234 with redundancy technology with two independent RF modules to supports a greater variety of wireless configurations and applications.

The Zero Packet loss wireless redundancy technology allows to setup independent wireless connections to avoid interruptions in transmission, even if interference occurs on one of the supported frequencies (2.4GHz or 5GHz). All capable of operating in different modes, which makes it suitable for a wide variety of wireless applications, including long-distance deployments.

ARS series offers exceptionally rich functionality, including various WAN Connection Type e.g. PPPoE, PPTP, LTPP or Mobile Broadband. Advance Routing options allow precise control of traffic between all interfaces. Routers support NAT/QoS, WOL, DDNS, VLAN, WDS and many more. VPN users can configure router as PPTP or Open VPN both as Client and Server. Antaira routers provide also very high level of security including IPSec/L2TP Passthrough, Radius and MAC Access Restrictions.

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.



### ARS-7231-AC-T

- High Speed WLAN Supports up to 867Mbps
- Zero packet loss with redundant dual radios (2.4GHz/5GHz concurrent)
- AP/Client/Bridge/Repeater
- Support IEEE 802.11a/b/g/n/ac
- Chipset QCA 4531, 650 MHz
- Tx Power (EIRP) 24dBm for 2.4GHz/5GHz
- WEP, WPA, WPA2, TKIP, AES
- CE, FCC, NCC, RCM certified
- Power Input: 9-24VDC in 2-pin terminal block
- Reverse Polarity Protection
- DIN-Rail or Wall Mountable
- Operating Temperature Range: - STD: 0° to 50°C, EOT: -40° to 70°C
- 5-Year Warranty (optional extension to 10 years)



### ARX-7234-AC-PD-T

- 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
- PD (Powered Device) IEEE 802.3af/at Compliant
- 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
- CE, FCC, NCC, RCM certified
- Power Input: PoE 48-56VDC
- IP67 Metal Housing
- Pole and Wall Mountable
- Operating Temperature Range: -40° to 70°C
- 5-Year Warranty



### ARY-7234-AC-PD

- 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
- PD (Powered Device) IEEE 802.3af/at Compliant
- 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
- CE, FCC, NCC, RCM certified
- Power Input: PoE 48-56VDC
- IP67 Plastic Housing
- Pole Mountable
- Operating Temperature Range: 0° to 50°C
- 5-Year Warranty



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