Industrial Wireless Communications

Advanced LTE routers
WiFi access points and routers

PLAY WITH SECURE NETWORK

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ARS-2131-LTE-(T)

Industrial, CAT6, Advanced LTE router Cloud IoT, dual SIM extended temp range: -35C to 75C

- CAT6 Advanced LTE
- Dual SIM
- Qualcom Atheros QCA9892
- Integrate with 802.11a/b/g/n WiFi
- 2*10/100Mbps LAN port
- optional DI/DO for device triggering or event reporting
- WPA, WPA2, TKIP, AES
- Power Input: 9-48VDC
- Metal chassis, DIN rail mounting
- Low Power consumption: <3,5W

ARS-7131-AC-LTE-(T)

Industrial CAT6, High Speed Advanced LTE router, Cloud IoT, dual SIM, extended temp range: -35C to 75C

- CAT6 LTE, dual SIM
- Dual SIM
- Qualcom Habanero IPC4029
- Integrate with 802.11a/b/g/n/ac WiFi
- 2*10/100/1000Mbps LAN port
- optional DI/DO for device triggering or event reporting
- WPA, WPA2, TKIP, AES
- Power Input: 9-48VDC
- Power consumption: 8W
- Metal chassis, DIN rail mounting

AGS-7130-AC-LTE-(PSE)-T

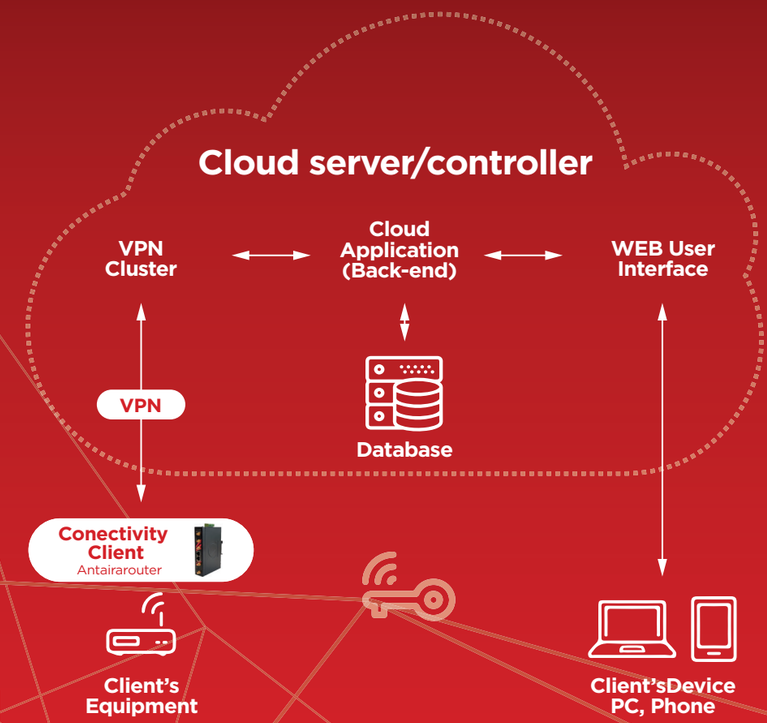
CAT4 IoT LTE router for Smart Industry applications, extended temp range: -35C to 75C

- CAT4 LTE, dual SIM
- Integrate with 802.11n/ac 2T2R 2.4G/5GHz and 11ac 2T2R 5GHz WiFi;
- 4*GE LAN port POE+
- RS232/RS485 interface for Modbus RTU
- DI/DO for device triggering or event reporting
- Equip with multi-mode data logging function
- OpenVPN and IPSec
- Firewall with SPI and IPS function
- SNMP, Telnet CLI, and TR-069
- QoS and Bandwidth management
- redundant DC 12V-48V wide range power input

ANTAIRA CLOUD SERVERS

Our routers support access to devices from anywhere in the world to the machine through the firewall using Antaira cloud servers. No need to have LTE static IP address, no problem with the firewall. Easy configuration in few minutes. All our routers support this as the default option without the additional cost of the license.

- Open VPN Protocol
- Secure VPN Tunnel
- 2048b/4096bit encryptions key
- Up to 126 concurrent connections to one Client
- Supports multiple user profiles to control access



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: – STD: 0° to 50°C, EOT: -40° to 70°C
- 5-Year Warranty
- Available extended warranty up to 10 years

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: 9-48VDC 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
- Available extended warranty up to 10 years

ZERO PACKET LOSS REDUNDANT WIFI

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: 9-48VDC 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
- Available extended warranty up to 10 years

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: 9-48VDC 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
- Available extended warranty up 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
- Available extended warranty up to 10 years

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
- Available extended warranty up to 10 years

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

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.

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Antaira Technologies' Wifi routers and Access points are designed for industrial and enterprise indor 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 loos 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, LTTP 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.

Our new series of LTE routers incorporated the newest Advanced LTE technology for fast and reliable data transmission.
These units are characterized by a wide range of supply voltages as well as low power consumption.
They have been designed as solid devices to work in harsh industrial conditions, which is confirmed by high MTBF and MTTR coefficients as well as a long warranty period of 5 years with the possibility of extension for 10 years.