

Airolix APN-210N

Industrial 802.11b/g/n Wireless Access Point/Bridge/Repeater



Features

- ▶ Supports IEEE 802.11b/g/n with Link Speed up to 150Mbps
- ▶ WEP / WPA / WPA-PSK (TKIP, AES) / WPA2 / WPA2-PSK (TKIP, AES) / IEEE 802.1x / RADIUS Support
- ▶ Supports AP, Client, Bridge, and Repeater Mode
- ▶ Daisy Chain Support to Reduce Usage of Switch Ports
- ▶ Redundant Power Inputs: 12 ~ 24VDC on Terminal Block
- ▶ Management via Web Interface and Telnet
- ▶ Secured Management by HTTPS and SSH
- ▶ Event Warnings by Syslog and SNMP Trap
- ▶ Supports Spanning Tree Protocol (STP)
- ▶ Supports IEEE 802.1q VLAN Tagging
- ▶ Supports Watchdog and Auto Reboot
- ▶ 5-Year Warranty



▶ Specifications

Radio Specifications

Data Rate	IEEE 802.11b	11Mbps	5.5Mbps	2Mbps	1Mbps						
		54Mbps	48Mbps	36Mbps	24Mbps	18Mbps	12Mbps	9Mbps	6Mbps	Auto	
	IEEE 802.11g:	Fallback to 5.5Mbps, 2Mbps, 1Mbps									
	IEEE 802.11n:	20MHz	65Mbps @ 800GI, 72.2Mbps @ 400GI (Max.)								
Frequency Range:	IEEE 802.11b/g/n:	40MHz	135Mbps @ 800GI, 150Mbps @ 400GI (Max.)								
		2.412GHz ~ 2.462GHz (US & Canada)									
		2.412GHz ~ 2.472GHz (Europe)									
2.412GHz ~ 2.484GHz (Japan)											

► Specifications

Unit Specifications

Ethernet Port

2 x 10/100BaseT(X) which supports Switch Mode

Connector

RJ-45

Protection

Built-in 1.5KV Magnetic Isolation

Protocol

ICMP, IP, TCP, UDP, DHCP, BootP, ARP/RARP, DNS, SNMP MIB II, HTTPS, SNMP v1/v2, Trap, Private MIB

LED

PWR 1, PWR 2, DIAG, Ethernet Link/ACT, Signal Level, PWR1 FAIL, PWR2 FAIL

Antenna Connectors

1 x Reverse SMA

Modulation Techniques

OFDM: BPSK, QPSK, 16-QAM, 64-QAM
DSSS: DBPSK, DQPSK, CCK

Frequency Range

IEEE802.11b/g/n:
2.412GHz ~ 2.462GHz (US & Canada)
2.412GHz ~ 2.472GHz (Europe)
2.412GHz ~ 2.484GHz (Japan)

Transmit Power

23dBm Max.

Encryption Security

WEP: 64-bit, 128-bit Key Supported
WPA / WPA2: 802.11i (WEP and AES Encryption)
PSK (256-bit Key Pre-shared Key Supported)
802.1x and RADIUS Supported
TKIP Encryption

Wireless Security

SSID Broadcast Disable, 3 x Virtual Access Points, MAC Address Filter

Power Input

12 ~ 24VDC in 6-Pin Terminal Block, Dual Power

Power Consumption

6 Watts Max.

Reverse Polarity Protection

Present

Operation Temperature

Standard Model: -10° C to 60° C
Wide Operating Temperature Model: -35° C to 70° C

Operation Humidity

5% to 95% (Non-condensing)

Storage Temperature

-40° C to 90° C

Casing

IP40 Protection

Dimension (W x H x D)

46 x 155 x 115 mm (1.81 x 6.10 x 4.53 in.)

Stability Testing

Shock: IEC60068-2-27
Free Fall: IEC60068-2-32
Vibration: IEC60068-2-6

Certification

FCC, CE

Warranty

5-Year Warranty

► Ordering Information

APN-210N

Industrial 802.11b/g/n Wireless LAN Access Point/Bridge/Repeater

APN-210N-T

Industrial 802.11b/g/n Wireless LAN Access Point/Bridge/Repeater (Wide Operating Temperature)

Optional Accessories

DR-4524

45W 24VDC Industrial DIN Rail Power Supply

DR-75-24

75W 24VDC Industrial DIN Rail Power Supply

DR-120-24

120W 24VDC Industrial DIN Rail Power Supply

Antaira Technologies

Toll-Free: (877) 229-3665
Phone: (714) 671-9000
FAX: (714) 671-9944

e-Mail: info@antaira.com
Website: <http://www.antaira.com>


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