

Airolinx APN-200

Industrial 802.11b/g Wireless LAN Access Point with 2-Port LAN

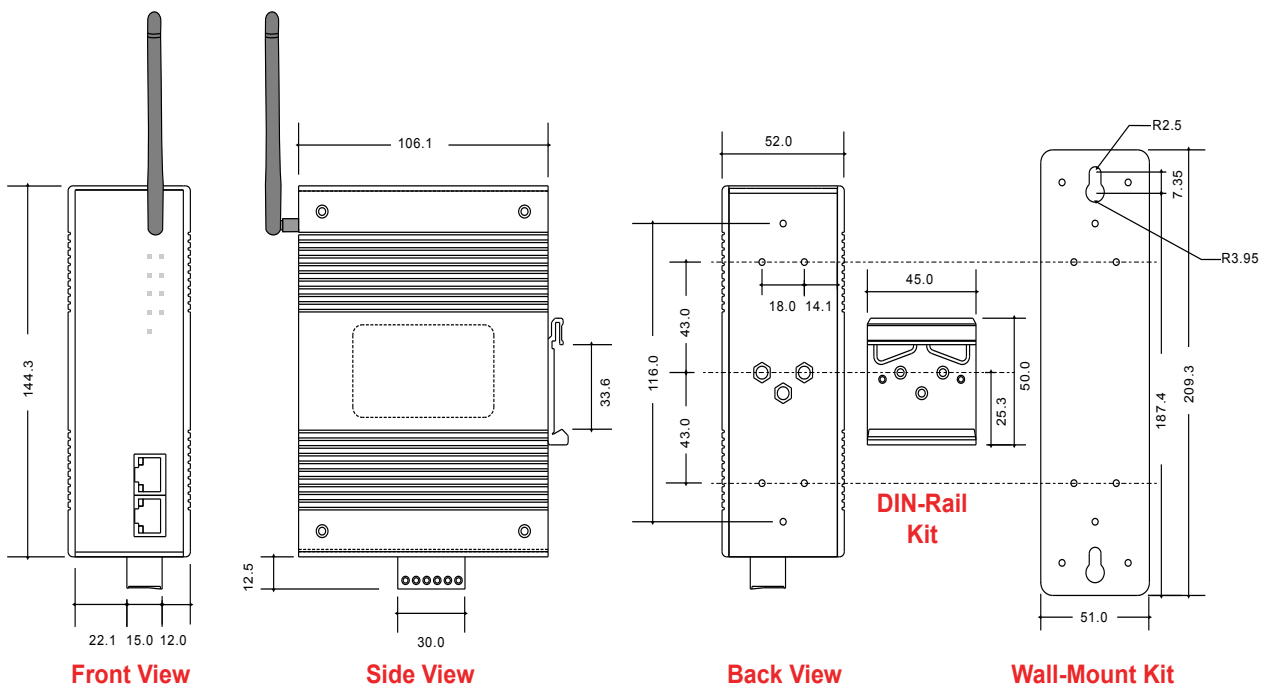


Features

- ▶ Supports up to 54Mbps Link Speed
- ▶ WEP / WPA / WPA-PSK (TKIP, AES) / WPA2 / WPA2-PSK (TKIP, AES) / 802.1x / RADIUS Support
- ▶ Supports AP / Bridge / Repeater Mode
- ▶ Daisy Chain Support to Reduce Usage of Switch Ports
- ▶ Redundant Power Inputs: 12 ~ 48VDC on Terminal Block
- ▶ Fully Compliant with IEEE 802.3af (APN-200P Only)
- ▶ Secured Management by HTTPS
- ▶ Event Warnings by Syslog, Email, SNMP Trap, Relay and Beeper
- ▶ 5-Year Warranty



▶ Dimensions (unit = mm)



► 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

Power over Ethernet (P.O.E.)
Present at ETH2
Power Device (IEEE 802.3af):

- IEEE 802.3af Compliant Input Interface
- Power Consumption: 8 Watts Max.
- Overload & Short Circuit Protection
- Isolation Voltage: 1000 VDC Min.
- Isolation Resistance: 10⁸ ohms Min.

LED
PWR 1(2) (P.O.E.) / Ready, ETH (1) Link/ACT, WLAN Link/ACT, Fault

WLAN Operating Mode
AP / Bridge / Repeater

Antenna Connector
Reverse SMA

Radio Frequency Type
DSSS

Modulation
IEEE 802.11b: CCK, DQPSK, DBPSK
IEEE 802.11g: OFDM w/ BPSK, QPSK, 16QAM, 64QAM

Frequency Band
America/FCC: 2.412 ~ 2.462 GHz (11 Channels)
Europe CE/ETSI: 2.412 ~ 2.472 GHz (13 Channels)

Transmission Rate
IEEE 802.11b: 1 / 2 / 5.5 / 11 Mbps
IEEE 802.11g: 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54 Mbps

Transmit Power
18 dBm

Receiver Sensitivity
-81 dBm @ 11 Mbps, PER < 8%
-64 dBm @ 54 Mbps, PER < 10%

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

Power Input
12 ~ 48VDC in 6-Pin Terminal Block

Power Consumption
6 Watts Max.

Reverse Polarity Protection
Present

Operation Temperature
Standard: 0° C to 60° C (32° F to 140° F)
Wide Operating Temperature: -35° C to 70° C (-31° F to 158° F)

Operation Humidity
5% to 95% (Non-condensing)

Storage Temperature
-35° C to 85° C

Casing
IP30 Protection

Dimension (W x H x D)
52 x 144 x 106 mm (2.05 x 5.67 x 4.17 in.)

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

EMI
FCC Part 15, CISPR (EN55022) Class A

EMS
CE EN61000-4-2/EN61000-4-3/EN61000-4-4/EN61000-4-5/EN61000-4-6

MTBF
200,000 Hours at Minimum

Warranty
5-Year Warranty

► Ordering Information

APN-200	Industrial 802.11b/g Wireless LAN Access Point with 2-Port LAN
APN-200P	Industrial 802.11b/g Wireless LAN Access Point with 1-Port LAN and 1-Port P.O.E.
APN-200-T	Industrial 802.11b/g Wireless LAN Access Point with 2-Port LAN, Wide Operating Temperature
APN-200P-T	Industrial 802.11b/g Wireless LAN Access Point with 1-Port LAN and 1-Port P.O.E., 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

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