



Simple | Secure | Trusted

AP-IXG1000G

Airpro Industrial Media Converter, with 1*1000Base-FX Fiber Port and 1*1000Base-T(X) Ethernet Port



PRODUCT OVERVIEW

AirPro AP-IXG1000G is a plug-and-play industrial media converter, which can provide economical solution for your Ethernet. Its dust-proof fully sealed structure (IP40 protection grade), over-current, over-voltage and EMC protected, redundant double power input as well as built-in intelligent alarm design can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.

Airpro IXG1000G support 1 1000Base-FX fiber port and 1*10/100/1000 Base-T(X) Ethernet port. It support CE, FCC, RoHS standard, rugged high-strength metal case, power input (DC10-58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100Base-T(X), full/half-duplex, and MDI/MDI-X auto-adaptation, the -40-85°C operating temperature can meet all kinds of industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

FEATURES

- Support 1*1000Base-FX fiber port and 1 10/1000Base-T(X) Ethernet port.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x.
- Plug-and-play, 10/100/1000Base-T(X), full/half duplex, MDI/MDI-X auto-adaptation.
- Industrial chip design, 15kV ESD protection, 8kV surge protection
- DC10-58V redundancy power, reverse polarity protection.
- Industrial grade 4 design, -40-85°C operating temperature.
- IP40 rated aluminum alloy housing, DIN-Rail mounted.

AP-IXG1000G

Airpro Industrial Media Converter, with 1*1000Base-FX Fiber Port and 1*1000Base-T(X) Ethernet Port

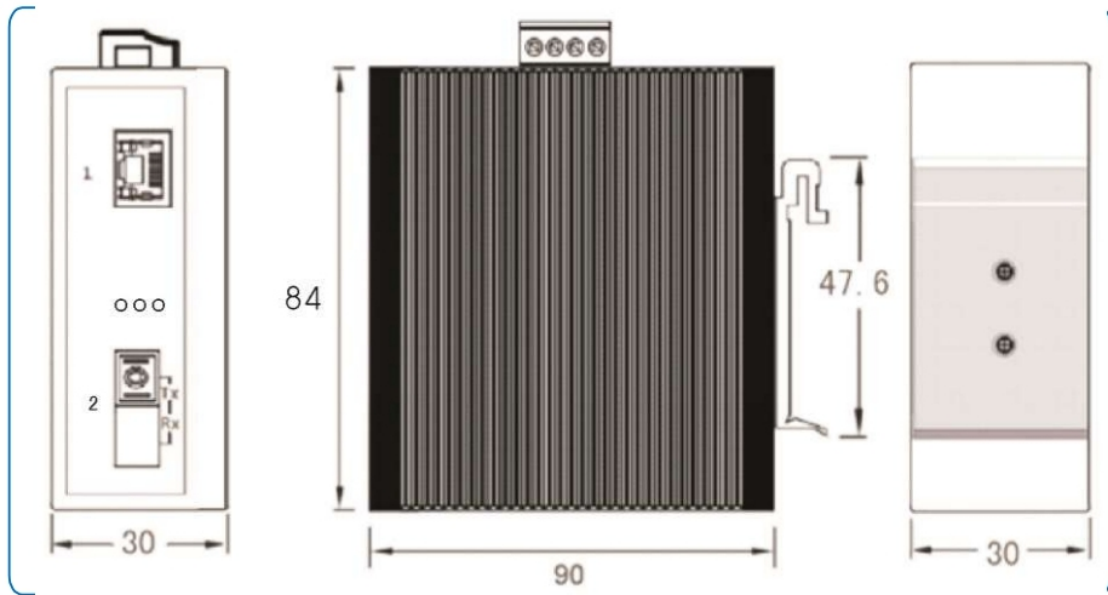


PRODUCT SPECIFICATIONS

Hardware Specifications

Main Features	AP-IXG1000G
Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Flow Control	IEEE802.3x flow control, back press flow control
Switching Performance	Forwarding Rate: 14.446Mpps Transmission Mode: Store and Forward Packet Buffer Size: 512K System Exchange Bandwidth: 4Gbps MAC Table Size: 1K Delay Time: < 3μs
Ethernet Port	10/100/1000Base-T(X) auto speed control, half/full duplex and MDI/MDI-X auto-adaptation
Fiber Port	1000Base-FX fiber port
LED Indicator	Power Indicator: P1, P2 Port Indicator: LINK / ACT
Power Supply	Input Voltage: DC10-58V Connector: 4 bit 5.08mm removable terminal block Full Load: <2.5W Protection Mechanism: overload protection, reverse connection protection, redundancy protection
Mechanical Structure	Shell: IP40 protection, aluminum alloy housing Dimension: 90*84*30mm(L*W*H) Weight: 300g Installation: DIN-Rail mounting, wall mounting
Operating Environment	Operating Temperature: -40-85°C Storage Temperature: -40-85°C Ambient Relative Humidity: 5%-95% (non-condensing)
Industry Standards	EMI:FCC Part 15 Subpart B Class A, EN 55022 Class A EMS:EN61000-4-2 (ESD), Level 4 at 15kV(Air), 8kV(Contact) EN61000-4-3 (R/S), Level 3 at 10V/m EN61000-4-4 (EFT), Level 4 at 4kV(Power Port), 2kV(Date Port) EN61000-4-5 (Surge), Level 4 at 4kV EN61000-4-6 (CS), Level 3 at 10V/m EN61000-4-8, Level 5 at 100A/m Shock:IEC 60068-2-27 Free Fall:IEC 60068-2-32 Vibration:IEC 60068-2-6
Certification	CE, FCC, RoHS
MTBF	>100,000 Hours
Warranty	3-years

WORKING DIAGRAM



www.airpronetworks.com