

Industrial Unmanaged Gigabit Switch

10-Port Gigabit incl 2x1.25G SFP Ports

IG-1002R

airlive®



Dual Power inputs
12~55Vdc

DIN35
Rail Installation

-40°C~75°C

Gigabit RJ45
& SFP

Surge/ESD
protection

Overview

Reliable Industrial-grade Unmanaged Switch for extreme environment

The AirLive IG-1002R is an Unmanaged Gigabit switch with 8 10/100/1000 BASE-T ports, each port automatically adaptive, and 2 Gigabit SFP Uplink ports help with connecting the switch to a larger network. Made for extreme environments with its wide temperature range from -40°C to 75°C and rugged metal housing; Dual power inputs using a 4pin terminal block (DC12~55V).

IP40 protected
Din-Rail



Dual
DC input

1.25G
Fiber Ports

10/100/1000
RJ-45 Ports

Features

- All 10-port, each port delivers Gigabit speed
- Extend the network further with 2 SFP slot that accept fiber transceivers and go beyond the limits of Ethernet
- Surge Protection; ESD Protection
- Dual DC Power input 12~55Vdc

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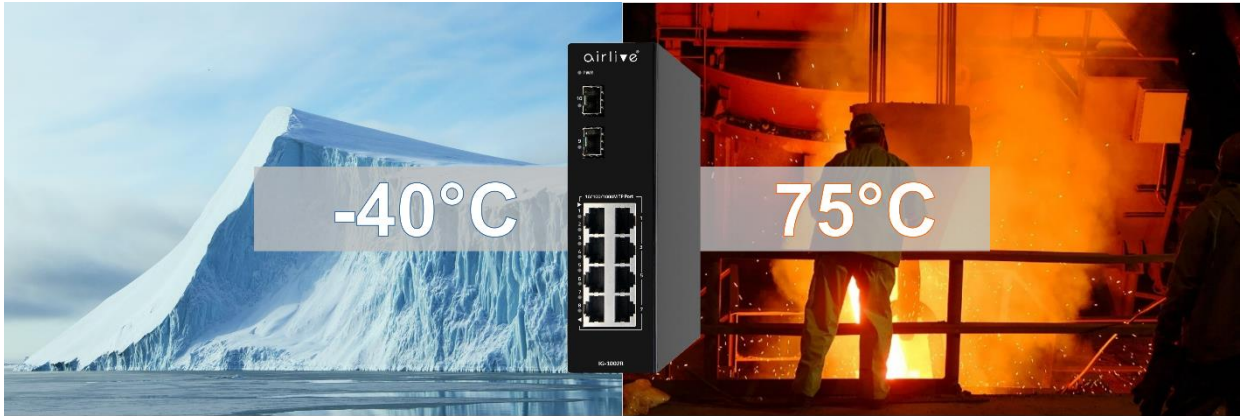
10-Port Gigabit incl 2x1.25G SFP Ports



IG-1002R

Built for Harsh Environment

The IG-1002R switch can operate from $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$. And each port has 4/6KV surge protection (depending on model). It is the ideal solution for applications which work under harsh environment and require stable network such as parking lot or factory work. The IG-1002R has a rugged high strength metal case which is rated at IP40 and has a DIN35 Rail connection making it suitable for network use in a heavy industry or factories. AirLive Industrial switches can be placed in almost any harsh environment.



IG-1002R

Dual Power Inputs

The AirLive IG-1002R supports 2 DC power inputs, DC12~55V, for power redundancy. Which greatly improves the reliability and uptime of a sensitive network in a harsh environment. When one of the DC power inputs fails, the second input will continue to power on the switch.



Fiber for Long Distance

Extend the network further with the 1.25G SFP slot/
Multimode fiber: 850nm, 1310nm transmission distance: 550m/2Km
Single-mode fiber: 1310nm, 1550nm transmission distance: 20/40/60/80/100/120km
(Distance depended on module used (not included))

Model	AirLive IG-1002R
<p>Hardware</p> <ul style="list-style-type: none">• Device Interface: 8 x 10/100/1000 RJ-45 2 x 1.25G SFP 10-port totally• Standard IEEE802.3 IEEE802.3i IEEE802.3u 100Base-TX / 100Base-FX IEEE802.3ab Gigabit 1000Base-T IEEE802.3z Gigabit SX/LX (optical fiber)• LED Indicators: PWR (power supply), 1- 10 Link & ACT <p>Industry Standard</p> <ul style="list-style-type: none">• EMI: FCC Part 15, CISPR (EN55032) class A• EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge)• Lighting Surge / ESD Protection: General 6KV, Differential 4KV; ESD 15KV(Air), 8KV (Contact)• Mechanical high-strength metal case IP40, DIN35 Rail Mounting <p>Switch Architecture Performance</p> <ul style="list-style-type: none">• Fiber Medium: Multi-mode Fiber: 850nm, 1310nm Transmission Distance: 550m/2Km Single-mode Fiber: 1310nm, 1550nm Transmission Distance 20/40/60/80/100/120Km• Switching architecture: Store and Forward Bandwidth: 20Gbps Packet Forwarding Rate 14.88Mpps MAC Address: 4K Jumbo Frames: 9216bytes Transfer Mode: Store and Forward MTBF: 100000 hours	<p>Power Supply</p> <ul style="list-style-type: none">• Input Voltage: DC 12~55V• Input Type: 4 Pin Terminal (block V1+V1- V2+ V2- Supports Dual Power Input) <p>Environment</p> <ul style="list-style-type: none">• Operating Temperature: -40°C to +75°C• Storage Temperature: -40°C to +85°C• Humidity: 5%~95%, non-condensing <p>Standard package of switch</p> <ul style="list-style-type: none">• Product size: 16 x 13.5 x 4.4 cm(L*W*H)• Package size: 24.2 x 20.7 x 8.6 cm(L*W*H)• Product Weight/Package Weight W: 0.73Kgs; W: 0.90Kgs• Package content: 1 x Switch, 1 x Pull Arm <p>Standard carton package</p> <ul style="list-style-type: none">• Quantity: 20 pcs / 1 carton• Dimensions: 44.5 x 44.5 x 51.0 cm• Carton Weight: 19Kg <p>Ordering Information</p> <ul style="list-style-type: none">• Model: IG-1002R• Name: Industrial Unmanaged Gigabit Switch 10 Ports Including 8 x RJ-45, 2 x Uplink SFP

* Specification will be changed without prior notice

