IG-602

6 Port Gigabit Industrial Switch with 2 SFP Port

- 4 X 10/100/1000 Mbps RJ45 and 2 Fiber Gigabit SFP fiber port
- Dual 12V~ 56Vdc Power input with redundancy
- IP31 metal housing
- Harsh Environment:-40°C ~ 70°C

Reliable and Industrial-grade Switch

The IG-602 is an **Industrial 6-port full Gigabit Ethernet Switch** providing non-blocking wire-speed performance and great flexibility for Gigabit Ethernet extension in harsh industrial environment. It provides **4-port Gigabit** RJ-45 copper and **2 100/1000Base-X SFP** fiber optic interfaces delivered in an IP31 rugged strong case with redundant power system. The IG-602 is well suited for applications in deploying surveillance system, and securing control and wireless service in climatically demanding environments such as the factory or public transportation.

Dual Power input with Redundancy

IG-602 support 2 DC Power input , it can have power redundancy. When the one of the DC power is fail , the Relay will be trigger. Though it can remind users that Power is fail.

Relay Output when one of Power supply is fail

PW1   PW2
1A@24V

V1+ V1-   V2+ V2-

DC In   DC In

Harsh Environment: -40°C ~70°C

IG-602 can work from -40 ~ 70 C. It is ideally product for Harsh Environment.

48V DC
Redundant Power Input

-40°C

IP31 Rugged Case

4 x 10/100/1000T RJ-45

70°C

2 x 100/1000X SFP Slots

IG-602

Standard

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3x Flow Control and Back pressure
- IEEE 802.3ab 1000Base-T Gigabit Ethernet
- IEEE 802.3z 1000Base-X Gigabit Ethernet

Interface

- 4 x 10/100/1000 Fast Ethernet
- 2 x SFP

PoE Port

- 4

Switch Architecture

- Store and forward switch architecture
- Back-plane up to 12Gbps

MAC Address

- 1K

Jumbo Frames

- Up To 9KB

Packet Buffer

- 1M bit

LED

- PW1   Power 1 Green
- PW2   Power 2 Green
- Err   Power Fail : Amber
- TX/RJ45 Port: LNK: Green
                SPD: 10/100 (off), 1000 (Green)
- Fiber   Link : Green
                Active: Flash

DIP Switch

- DIP 1 to select Port 5 SFP : OFF: F5 ON (DEFAULT)
                             ON: F5 OFF
- DIP 2 to select SFP speed : OFF: SFP 1000M (DEFAULT)
                              ON: SFP 100M

Power Supply

- Redundant Dual DC 12V-56V Power Input

Removable Terminal Block

- Provide 2 Redundant power, Alarm relay contact, 6 Pin
- Wire range: 0.34mm^2 to 2.5mm^2
- Solid wire (AWG):12-24/14-22
- Stranded wire(AWG): 12-24/14-22
- Torque:5lb-In/0.5Nm/0.56Nm
- Wire Strip length: 7-8mm

Alarm Relay

- Relay outputs with current carrying capacity of 1 A @24VDC
- Relay in short circuit mode when 2 powers are connected. In open circuit mode when only one power supply is connected

Power Consumption

Max. 3.76W (excluding PoE)

Dimensions

142mmx36.2mmx105mm (LxWxD)

Operating Temerature

-40℃ to 70℃

Storage Temerature

-40℃ to 85℃

Installation mounting

DIN Rail mounting and Wall Mounting

Certificates:

- EN55022/24
- EN50155
- EN55011
- EN50121-3-2
- EN50121-4
- EN 50155 / EN 60068-2-6
- EN 50155 / EN 60068-2-27
- EN 50155 / EN 60068-2-32

Ordering Information:

AirLive IG-602   6 Port Gigabit Industrial Switch with 2 SFP Port