

# IGS-1050A/1041GPA

## >> Industrial 5-port Unmanaged Redundant Ethernet Switch

- Supports 5 x 10/100/1000Base-T(X) ports or 4 x 10/100/1000Base-T(X) + 1 x 1000Base-X SFP ports
- Jumbo Frame supports to 10240 Bytes
- Redundant DC power inputs
- Rigid IP-30 slim type housing design



### > Features

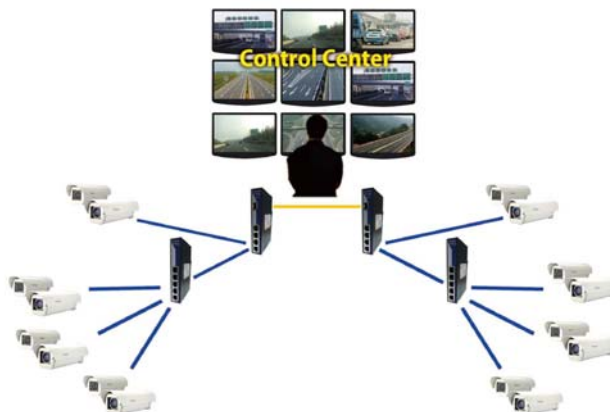
- Dual redundant DC power inputs at terminal block
- Supports 5 x 10/100/1000Base-T(X) ports or 4 x 10/100/1000Base-T(X) + 1 x 1000Base-X SFP ports
- Supports Jumbo Frame up to 10240 Bytes
- Very wide operating temperature range from -40 to 70°C
- Rigid IP-30 slim type housing design
- DIN-Rail and panel mounting enabled
- Relay output to carry capacity of 1A at 24 VDC

### > Introduction

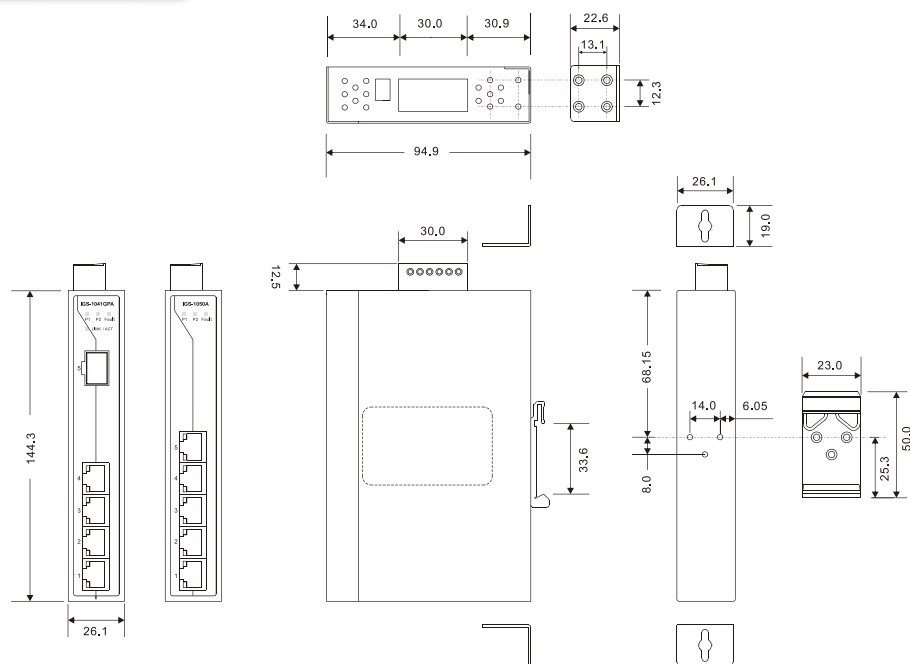
IGS-1050A/IGS-1041GPA series are unmanaged Ethernet switches with Supports 5 x 10/100/1000Base-T(X) ports or 4 x 10/100/1000Base-T(X) + 1 x 1000Base-X SFP ports. IGS-1050A/IGS-1041GPA series support redundant power input, rigid IP-30 housing and have DIP switches for enabling or disabling relay output alarm. In addition, the wide operating temperature range from -40 to 70 °C can satisfy most of operating environment.

### > Practical Operation

IGS-1050A/IGS-1041GPA can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, there are two different power inputs at terminal block to avoid interruption caused by power down. When the primary DC power input fails, the backup power input will take over immediately to guarantee a non-stop operation.



## &gt; Dimension



(Unit=mm)

## &gt; Specifications

ORing Switch Model	IGS-1050A	IGS-1041GPA
Physical Ports		
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX	5	4
1000Base-X SFP ports	-	1
Technology		
Ethernet Standards	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X) IEEE 802.3z for 1000Base-X IEEE 802.3ab for 1000Base-T IEEE 802.3x for Flow control	
MAC Table	1024 MAC addresses	
Processing	Store-and-Forward	
Jumbo Frame	10240 Bytes	
LED Indicators		
Power Indicator	Green : Power LED x 2	
Fault Indicator	Amber : Indicate PWR1 or PWR2 failure	
10/100/1000Base-T(X) RJ45 port Indicator	Green : Link / Act Amber : 100Mbps indicator	
1000Base-X SFP port Indicator	-	Green for port Link/Act
Fault contact		
Relay	Relay output to carry capacity of 1A at 24VDC	

Power		
Redundant Input Power	Dual DC inputs. 12-48VDC on 6-pin terminal block.	
Power Consumption (Typ.)	5.5 Watts	
Overload Current Protection	Present	
Reverse Polarity Protection	Present	
Physical Characteristic		
Enclosure	IP-30	
Dimension (W x D x H)	26.1(W) x 94.9(D) x 144.3(H) mm ( 1.03x3.74x5.68 inch.)	
Weight (g)	420g	403g
Environmental		
Storage Temperature	-40 to 85°C (-40 to 185°F)	
Operating Temperature	-40 to 70°C (-14 to 140°F)	
Operating Humidity	5% to 95% Non-condensing	
Regulatory approvals		
EMI	FCC Part 15, CISPR (EN55022) class A	
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11	
Shock	IEC60068-2-27	
Free Fall	IEC60068-2-32	
Vibration	IEC60068-2-6	
Safety	EN60950	
Warranty	5 years	

## > Ordering Information

IGS-1 **AA** **B** **CC** **A**

Code efnition	10/100/1000Base-T(X) Port Number	Additional Port Number	Additional Port Type
<b>Option</b>	- <b>04</b> : 4 ports - <b>05</b> : 5 ports	- <b>0</b> : 0 ports - <b>1</b> : 1 ports	- <b>GP</b> : 1000Base-X in SFP - <b>GF</b> : 1000Base-X Fiber

Available Model	Model Name	Description
	IGS-1050A	Industrial 5-port Slim type Unmanaged Gigabit Ethernet Switch with 5x10/100//1000Base-T(X)
	IGS-1041GPA	Industrial 5-port Slim type Unmanaged Gigabit Ethernet Switch with 4x10/100/1000Base-T(X) and 1x1000Base-X SFP