DA541G

Industrial 4-Port Gigabit PoE Switch + 1 Gigabit RJ45 Uplink Port (AC Power Input)

Introductions

DA541G is a hardened 5-Port Gigabit Power Over Ethernet (PoE) Switch that offers a cost-effective and quick solution for upgrading network system to IEEE 802.3af/at Power over Ethernet system with AC power input of 100VAC~240VAC.

DA541G features IEEE 802.3af/at PoE standards that delivers up to 30-watt power output per port with AC power input of 100VAC~240VAC. Meanwhile, it provides triple protections of over-current, over-voltage, and over-temperature on the PoE ports.

DA541G also support VLAN functions of port isolation and connect to uplink port only. This is designed specifically to satisfy the growing demand of high-power networking application such as video surveillance, wireless Access Point, and 5G/LTE Router which are located outdoor in harsh environments.

Features

- Complies with IEEE 802.3, 10BASE-T, IEEE 802.3u, 100BASE-TX, IEEE802.3ab, 1000BASE-T
- Compliant with IEEE802.3af/at Standards
- Support AC power input of 100VAC ~ 240VAC
- Supports IEEE802.3af/at PoE output power up to 30 watts per port basis
- Supports VLAN function and link to uplink port only
- AC Power Surge Protection: 2KV
- ESD protection: 15KV air / 8KV contact discharge
- Auto-detection and protection of non-standard PoE devices
- Over Current Protection / Over Temperature Protection / Over Voltage Protection
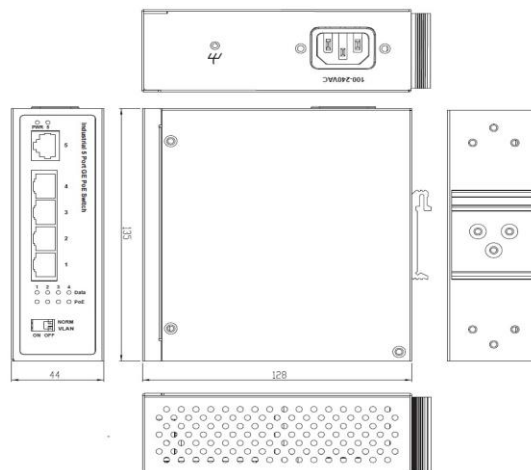- Metal housing with DIN Rail and desktop / rackmount design

Specifications

Model	DA541G
Ethernet Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T
Transfer Data Rate	10/100/1000Mbps
Power Input	IEC320 3-Pin AC Socket 100VAC~240VAC, 50Hz~60Hz
DATA IN Port	1 x 10/100/1000BASE-T RJ45
DATA+PoE OUT Port	4 x 10/100/1000BASE-T RJ45
PoE Output Standards	IEEE802.3af/at for up to 30W per port basis
RJ45 PoE Pin Polarity	1/2(+), 3/6(-);
PoE Compatibility	Auto-Detection / Compatible with Legacy PoE devices with Protection of non-standard PoE devices
PoE Protections	Over Current Protection, Over Voltage Protection Over Temperature Protection

LEDs	Power indicator
	Data: for port 1 ~ port 5
	    Green On for data link/act at1000Mbps,
	    Amber On for data link/act at 10/100Mbps
	PoE: for port 1 ~ port 4
	    Green On for PoE power on.

AC Surge Protection	2KV
ESD Protection	15KV air / 8KV contact discharge
Operating Temperature	-40°C ~ +70°C
Storage Temperature	-40°C ~ +75°C
Relative Humidity	20% ~ 90% Non-condensing
Certifications	EN61000-4-2 /-3 /-4 /-6 /-8 /-11 /-4-5 IEC/EN62368
Dimensions (W x H xD)	44mm * 130mm * 140mm
Metal Housing	With DIN Rail and Desktop / Rack Mount design
Weight	0.71kg

Mechanical 3D Drawings

Application Diagram