

Planet Gigabit-Industrieswitch 4 Port PoE 2 SFP Switch Kupferdraht 1 Gbps 4-Port TCP/IP Ethernet Power over RJ-45 3 HE

Artikelnummer 992007839

Gewicht 1kg

Länge 1mm

Breite 1mm

Höhe 1mm



Produktbeschreibung

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Produktbeschreibung:

4-port 10/100/1000Base-T RJ-45 with IEEE 802.3af / 802.3at PoE Injector 2-port SFP slot interface, SFP supports 1000Base-X and 100Base-FX transceiver via DIP switch configured Power over Ethernet Complies with IEEE 802.3af / IEEE 802.3at Power over Ethernet Plus End-Span PSE Up to 4 IEEE 802.3af / 802.3at devices powered Supports PoE Power up to 30.8 watts for each PoE port Provides DC 52V power over RJ-45 Ethernet cable to PD with Ethernet port Auto-detects IEEE 802.3af/at equipment and protects devices from being damaged by incorrect installation Remote power feeding up to 100m Layer 2 Features Supports Auto-Negotiation and 10/100Mbps half / full duplex and 1000Mbps full duplex mode Prevents packet loss with back pressure (half-duplex) and IEEE 802.3x PAUSE frame flow control (full-duplex) Automatic address learning and address aging Industrial Case / Installation IP30 aluminum metal case protection Dual SFP Ports Auto Link Redundant Mode Support DIN Rail and Wall Mount Design 48V DC redundant power with polarity reverse protect function and removable terminal block for master and slave power Supports EFT protection 6000 VDC for power line Supports 6000 VDC Ethernet ESD protection -40 to 75 degrees C operating temperature Long Distance High Power PoE and Gigabit Data Extension Solution The PLANET IGS-624HPT is an Industrial Gigabit 802.3at PoE+ Switch providing non-blocking wire-speed performance and great flexibility for

Gigabit Ethernet extension in harsh industrial environment.

It provides 4-port 10/100/1000Base-T copper with 802.3af/at PoE injector and 2 extra 100/1000Base-X SFP fiber optic interfaces delivered in an IP30 rugged strong case with redundant power system. The IGS-624HPT is well suited for applications in deploying surveillance system, and securing control and wireless service in climatically demanding environments with wide temperature range from -40 to 75 degrees C.

High Power PoE for Security and Public Service Applications To fulfill the demand of High Power PoE for network applications, the IGS-624HPT provides 4 10/100/1000Mbps ports featuring both IEEE 802.3af and IEEE 802.3at Power over Ethernet Plus (PoE+) that combine up to 30-watt of power output and data per port over one Cat.5E / 6 Ethernet cable. With totally 120-watt PoE output capability on the whole system, the IGS-624HPT is designed specifically to satisfy the growing demand of higher power consuming network PD (powered devices) such as PTZ (Pan, Tilt & Zoom) / Speed Dome network cameras, multi-channel (802.11a / b / g / n) outdoor wireless LAN access points and other PoE network devices by providing double PoE power, rather than the current conventional 802.3af PoE.

Intelligent LED Indicator for Real-time PoE Usage The IGS-624HPT helps users to monitor current status of PoE power usage easily and efficiently by its advanced LED indication. Called "PoE Power Usage", the front panel of the Industrial Gigabit PoE+ Switch has four orange LEDs indicating 30W, 60W, 90W and 120W of PoE power usage. **Convenient and Reliable Power System** To facilitate the 802.3at High Power PoE usage with the commonly used 48V DC power input in transportation and industrial-level applications, the IGS-624HPT adopts 48V DC to 52V DC power boost technology to solve power source issue which is not required for special power supplies to achieve the level of High Power PoE+ output. To enhance the operation reliability and flexibility, the IGS-624HPT is equipped with two DC power input connectors for redundant power supply installation.

High Power Budget for PoE Extension With 30-watt PoE output capability, the IGS-624HPT can extend much longer distance by using PLANET PoE Extender for powering up the IEEE 802.3af PoE PD devices which can be installed over more than 100 meters away. By daisy-chaining multiple PLANET PoE Extenders, it offers the great flexibility of doubling, tripling or quadrupling the distance of PoE network.

Environmentally Hardened Design The IGS-624HPT is equipped with the rugged IP30 metal case for easy deployment in heavy Industrial demanding environments. With IP30 industrial case protection, the IGS-624HPT provides a high level of immunity against electromagnetic

interference and heavy electrical surges which are usually found on plant floors or in curb side traffic control cabinets.

Being able to operate under the temperature range from -40 to 75 degrees C, the IGS-624HPT can be placed in almost any difficult environment.

The IGS-624HPT also allows either DIN rail or wall mounting for efficient use of cabinet space.

Fiber-Optical Link Capability Extend the Range of Network Deployment The two SFP slots are compatible with 100Base-FX or 1000Base-SX / LX / WDM through SFP (Small Form Factor Pluggable) fiber-optic transceivers.

The fiber optical uplink capability guarantees the throughput to all nodes hooked into the network and the Gigabit Ethernet distance can be extended from 550 meters (Multi-Mode fiber cable) up to 10/20/30/40/50/70/120 kilometers (Single-Mode fiber or WDM fiber).

Adjustable 6-Port Switch Mode or 4 + 2 Fiber Redundant Mode Via the built-in DIP switch, the IGS-624HPT can be configured as 6-port Ethernet switch or 4+2 fiber redundant mode.

With the 6-port switch mode, the IGS-624HPT can operate in Store-and-Forward mechanism with high performance; on the other hand, when in the 4+2 fiber redundant mode, it provides rapid fiber redundancy of link for highly critical Ethernet applications.

The redundant mode also supports auto-recovering function.

If the destination port of a packet is link down, it will forward the packet to the other port of the backup pair.

Technische Details:

Allgemein

Gerätetyp

Switch - 6 Anschlüsse

Gehäusotyp

An DIN-Schiene montierbar, wandmontierbar

Untertyp

Gigabit Ethernet

Ports

4 x 10/100/1000 (PoE+) + 2 x Gigabit SFP

Power Over Ethernet (PoE)

PoE+

PoE-Budget

120 W

Leistung

Switching Fabric-Bandbreite: 12 Gbit/s

Durchsatz (64-Byte Paketgröße): 8,93 Mpps

Größe der MAC-Adresstabelle

1000 Einträge

Leistungsmerkmale

Flusskontrolle, Vollduplex-fähig, Auto-Negotiation, Auto-Uplink (Auto MDI/MDI-X), Store-and-Forward, Halbduplex-Modus, Vollduplex-Modus, 6KV ESD Protector, 6KV EFT Schutz

Produktzertifizierungen

IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3x, IEEE 802.3at

Statusanzeiger

Port Status, Stromversorgung, PoE, Link/Aktivität
 Erweiterung/Konnektivität
 Schnittstellen
 4 x 1000Base-T RJ-45 PoE+ - 30.8 W
 Stromversorgung
 Stromversorgungsgerät
 Internes Netzteil
 Redundante Stromversorgung
 Ja
 Erforderliche Netzspannung
 DC 48 V
 Verschiedenes
 Produktzertifizierungen
 IEC 60068-2-27, IEC 60068-2-32, IEC 60068-2-6, FCC Part 15 A, IP30
 Maße und Gewicht
 Breite
 15,2 cm
 Tiefe
 10,7 cm
 Höhe
 7,2 cm
 Gewicht
 1,539 kg
 Umgebungsbedingungen
 Min Betriebstemperatur
 -40 °C
 Max. Betriebstemperatur
 75 °C
 Zulässige Luftfeuchtigkeit im Betrieb
 5 - 95 % (nicht kondensierend)
 Min. Lagertemperatur
 -40 °C
 Max. Lagertemperatur
 75 °C
 Zulässige Luftfeuchtigkeit bei Lagerung
 5 - 95 % (nicht kondensierend)

Produkteigenschaften

Größe der MAC-Adresstabelle	1000 Einträge
Netzwerk - Formfaktor	An DIN-Schiene montierbar, Wandmontierbar
Leistung	Switching Fabric-Bandbreite: 12 Gbit/s, Durchsatz (64-Byte Paketgröße): 8,93 Mpp
Netzwerk - Typ	Switch
Ports - Typ	10/100/1000 (PoE+)
Statusanzeiger	Link/Aktivität, PoE, Port Status, Stromversorgung
Anz. Anschlüsse	6
Produkttyp	Switch
Gewicht	1,539 kg
Untertyp	Gigabit Ethernet
Bereitgestellte Schnittstelle - Schnittstellen	4 x 1000Base-T RJ-45 PoE+ - 30.8 W
Farbkategorie	Schwarz
Ports (zweite) - Typ	Gigabit SFP
Redundante Stromversorgung	Ja

Weitere Bilder

