

Planet Medienkonverter Ethernet Fast Gigabit 10Base-T 1000Base-LX 1000Base-SX 100Base-TX 1000Base-T SFP mini-GBIC / RJ-45

Artikelnummer	992007963
Gewicht	1kg
Länge	1mm
Breite	1mm
Höhe	1mm



Produktbeschreibung

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Produktbeschreibung:

1x 10/100/1000BASE-T RJ45 with IEEE 802.3af /802.3at PoE+ Injector 1x 1000BASE-SX/LX SC Fiber interface (IGTP-802T/IGTP-802TS) 1x SFP slot, supporting 1000BASE-X and 100BASE-FX transceiver dual mode (IGTP-805AT) Power over Ethernet: Complies with IEEE 802.3at/af PoE Plus end-span PSE 1 IEEE 802.3at/af device powered Supports PoE Power up to 30.8 watts for PoE port Provides DC 52V power over RJ45 Ethernet cable to PD with Ethernet port Auto-detects IEEE 802.3at/af equipment and protects devices from being damaged by incorrect installation Remote power feeding up to 100m IEEE 802.3at/af splitter devices compatible Layer 2 Features: Supports auto-negotiation and 10/100Mbps half/full duplex and 1000Mbps full duplex mode on RJ45 port Prevents packet loss with back pressure (half-duplex) and IEEE 802.3x pause frame flow control (full-duplex) Hardware: LED Indicators System: Power 1, Power 2 and Fault LED Fiber port: LNK/ACT 10/100/1000Base-T port: LNK/ACT, 1000, PoE-in-use DIP switch: LFP (Link Fault Passthrough) mode selection Industrial Case and Installation: IP30 metal case DIN-rail or wall-mount design 12 ~ 48V DC/24V AC redundant power with polarity reverse protect function and connective removable terminal block for master and slave power Supports 6000 VDC Ethernet ESD protection -40 to 75 degrees C operating temperature PLANET IGTP-80xT Industrial Gigabit Media Converter combines Ethernet media

conversion (from 1000BASE-X to 10/100/1000BASE-T) with 802.3at Power over Ethernet Plus (PoE+) injector to deliver both up to 30 watts of power output and high data transmission speed to PDs (powered devices) installed in a remote area where sufficient and reliable power input is required. Its 1000BASE-X fiber optic uplink port provides long distance, high speed and stable data transmission to a remote core network.

The special and convenient power system of the IGTP-80xT supports 12~48V DC power input or 24V AC power input for power redundancy and operational flexibility. Being able to operate under the temperature ranging from -40 to 75 degrees C and with an IP30 rugged case, the IGTP-80xT can be placed in almost any difficult environment.

Fiber-optic Link Capability Extends the Range of Network Deployment:The maximum distance between a PoE PSE (power sourcing equipment) and PD via Ethernet cable is 100 meters.

To extend the PoE deployment range, the IGTP-80xT is integrated with fiber interface for farther distance applications.

The IGTP-80xT's fiber connector type is as follows:
IGTP-802T: Fiber SC connector supporting 1000BASE-SX multi-mode and transmission distance up to 550m.
IGTP-802TS: Fiber SC connector supporting 1000BASE-LX single-mode and transmission distance up to 10km.
IGTP-805AT: SFP slot supporting 100BASE-FX/1000BASE-X multi/single mode SFP module and transmission distance up to 120km (Varying on SFP module).
With the long fiber distance support, the IGTP-80xT still sustains the transmission performance as high as 1000Mbps.

It works in the high-performance Store and Forward mechanism, and also can prevent packet loss with IEEE 802.3x flow control and the LFP (Link Fault Passthrough) function in the DIP switch design.

Furthermore, it can immediately alarm the administrators the issue from the link media and provide efficient solution to monitor the network power usage.

Plug and Play High Power Sourcing Solution:Complying with the IEEE 802.3at Power over Ethernet Plus technology, the IGTP-80xT provides up to 30 watts of PoE output power, doubling that of the earlier 802.3af. It is also backward compatible with 802.3af PoE standards to allow users to flexibly deploy standard and high powered devices simultaneously with no need of software configuration.

With data and Power over Ethernet from one unit, the IGTP-80xT can reduce cable deployment and eliminate the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. **Convenient and Reliable Power System:**To facilitate the 802.3at power PoE+ usage with the commonly-used 12~48V DC power input or 24V AC power input for transportation and industrial-level applications, the IGTP-80xT adopts the 12~48V DC to 52V power

boost technology to solve power source issue but does not require special power supplies. Its wide-ranging voltages design is suitable for worldwide operability with high availability applications requiring dual or backup power inputs. Environmentally Hardened Design for Industrial PoE Networks: The IGTP-80xT is specifically designed with durable components and strong housing case to operate reliably in electrically harsh and climatically demanding environments like plant floors or curbside traffic control cabinets.

The IGTP-80xT is packaged in a compact, IP30 rugged case that allows either DIN-rail or wall mounting to have the efficient use of cabinet space.

With IP30 rugged case protection and PoE design, the IGTP-80xT is ideal for service providers, campuses and public areas to deploy PoE wireless access points,

IP cameras or IP phones in any places easily and efficiently with cost-effectiveness.

It can also operate in wide temperature range of -40 to 75 degrees C,

so it can be placed in almost any location.

Technische Details:

Allgemein

Gerätetyp

Medienkonverter

Formfaktor

Extern

Netzwerk

Anschlusstechnik

Kabelgebunden

Verdrahtungstyp

10Base-T, 1000Base-LX, 1000Base-SX, 100Base-TX, 1000Base-T

Data Link Protocol

10Mb LAN, 100Mb LAN, 1GbE

Datenübertragungsrate

1 Gbps

Statusanzeiger

Stromversorgung, PoE, Link/Aktivität

Leistungsmerkmale

Flusskontrolle, Auto-Negotiation, Auto-Uplink (Auto MDI/MDI-X), Halbduplex-Modus, Vollduplex-Modus, geeignet für Wandmontage, an DIN-Schiene montierbar, 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

Erweiterung/Konnektivität

Schnittstellen

1 x Ethernet 1000Base-LX/1000Base-SX - SFP

1 x Ethernet 10Base-T/100Base-TX/1000Base-T (PoE+) - RJ-45

Verschiedenes

Kennzeichnung

IEC 60068-2-27, IEC 60068-2-32, IEC 60068-2-6, FCC Part 15 A, IP30

Stromversorgung

Power Over Ethernet (PoE)

PoE+

Erforderliche Netzspannung

DC 24/48 V

Leistungsaufnahme im Betrieb
33 Watt
Abmessungen und Gewicht
Breite
13,5 cm
Tiefe
8,7 cm
Höhe
3,2 cm
Gewicht
500 g
Umgebungsbedingungen
Min Betriebstemperatur
-30 °C
Max. Betriebstemperatur
75 °C
Zulässige Luftfeuchtigkeit im Betrieb
5 - 90% (nicht kondensierend)

Produkteigenschaften

Netzwerk - Datenübertragungsrate	1 Gbps
Bereitgestellte Schnittstelle - Schnittstellen	1 x Ethernet 1000Base-LX/1000Base-SX - S, 1 x Ethernet 10Base-T/100Base-TX/1000Bas
Statusanzeiger	Link/Aktivität, PoE, Stromversorgung
Leistungsaufnahme im Betrieb	33 Watt
Produkttyp	Medienkonverter
Farbkategorie	Schwarz
Netzwerk - Anschlusstechnik	Kabelgebunden
Netzwerk - Typ	Medienkonverter
Netzwerk - Formfaktor	Extern

Weitere Bilder

