

# PLANET IGT-805AT - Medienkonverter - 1GbE - RJ-45 / SFP (mini-GBIC)

<b>Artikelnummer</b>	992007915
<b>Gewicht</b>	1kg
<b>Länge</b>	1mm
<b>Breite</b>	1mm
<b>Höhe</b>	1mm



## Produktbeschreibung

Planet Medienkonverter Ethernet Fast Gigabit RJ-45 / SFP mini-GBIC

Produktbeschreibung:

1-port 10/100/1000BASE-T RJ45 with auto MDI / MDI-X function 1 SFP interface, 100/1000BASE-X dual mode (auto detection) Layer 2 Features IEEE 802.3 / 802.3u / 802.3ab / 802.3z Ethernet standard compliant 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) 9K jumbo frame size support LFP function support Automatic address learning and address aging Industrial Case / Installation Slim-type IP30 metal case DIN rail and wall-mount design Redundant power design - 12 to 48V DC, redundant power with polarity reverse protect function - AC 24V power adapter acceptable Supports EFT protection for 6000 VDC for power line Supports 6000 VDC Ethernet ESD protection -40 to 75 degrees C operating temperature Flexible, Reliable and Industrial-grade Network Distance Extension Solution PLANET IGT-805AT is an Industrial Gigabit Media Converter providing non-blocking wire-speed performance and great flexibility for Gigabit Ethernet extension in harsh industrial environment. It is equipped with one 10/100/1000BASE-T RJ45 copper and one 100/1000BASE-X SFP fiber optic interface delivered in an IP30 rugged strong case with redundant power system. The IGT-805AT 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.

With 9K jumbo frame feature support, the IGT-805AT can handle extremely large amounts of data transmission in a secure topology linking to a backbone or high-power servers.

**Fiber-Optic Link Capability Enables Extension of Network Deployment** The SFP slot of the IGT-805AT is compatible with 100BASE-FX and 1000BASE-SX / LX / WDM through SFP (Small Form Factor Pluggable) fiber-optic transceivers.

The fiber optic 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) to 10/20/30/40/50/60/70/120 kilometers (single-mode fiber cable), and also the Fast Ethernet distance can be extended from 2km (multi-mode fiber cable) to 20/40/60 kilometers (single-mode fiber cable).

It is the ideal product for applications within the factory data centers and distributions.

**Enhanced Smart Management Features** The IGT-805AT provides auto MDI/MDI-X on its TP port and built-in Link Fault Pass-through function (LFP).

The LFP function includes Link Loss Carry Forward (LLCF) and Link Loss Return (LLR), both of which can immediately alarm administrators the problem of the link media and provide efficient solution to monitoring the net.

LLCF means when a device connected to the converter and the TP line loses the link, the converter's fiber port will disconnect the link of transmission.

LLR means when a device connected to the converter and the fiber line loses the link, the converter's fiber port will disconnect the link of transmission.

Therefore, the IGT-805AT greatly supports the administrators to manage the network efficiently.

**Environmentally Hardened Design** The IGT-805AT is equipped with the slim-type IP30 metal case for easy deployment in heavy Industrial demanding environments.

With IP30 industrial case protection, the IGT-805AT provides a high level of immunity against electromagnetic interference and heavy electrical surges which are usually found on plant floors or in curbside traffic control cabinets.

Being able to operate under the temperature range from -40 to 75 degrees C, the IGT-805AT can be placed in almost any difficult environment.

The IGT-805AT also allows either DIN rail or wall mounting for efficient use of cabinet space.

**Convenient and Reliable Power System** To enhance the operation reliability and flexibility, the IGT-805AT is equipped with two DC power input connectors for redundant power supply installation. It also possesses an integrated power supply source

with wide-ranging voltages (12 to 48V DC or 24V AC) for worldwide high availability applications requiring dual or backup power inputs.

Technische Details:

Allgemein

Gerätetyp

Medienkonverter

Formfaktor

Extern

Netzwerk

Anschlusstechnik

Kabelgebunden

Data Link Protocol

10Mb LAN, 100Mb LAN, 1GbE

Datenübertragungsrate

1 Gbps

Statusanzeiger

Stromversorgung, Link/Aktivität

Leistungsmerkmale

Flusskontrolle, Auto-Negotiation, Auto-Uplink (Auto MDI/MDI-X), Halbduplex-Modus, Vollduplex-Modus, Link Fault Pass Through (LFP)

Funktion, geeignet für Wandmontage, Jumbo-Frames-Support, an DIN-Schiene montierbar, 6KV ESD Protector, 6KV EFT Schutz

Produktzertifizierungen

IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3x

Erweiterung/Konnektivität

Schnittstellen

1 x Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45

1 x Ethernet 1000 - SFP

Verschiedenes

Kennzeichnung

FCC Klasse A zertifiziert, IEC 60068-2-27, IEC 60068-2-32, IEC 60068-2-6, IP30

Stromversorgung

Stromversorgungsgerät

Externer Netzadapter

Leistungsaufnahme im Betrieb

3.3 Watt

Abmessungen und Gewicht

Breite

13,5 cm

Tiefe

8,7 cm

Höhe

3,2 cm

Gewicht

458 g

Umgebungsbedingungen

Min Betriebstemperatur

-40 °C

Max. Betriebstemperatur

75 °C

Zulässige Luftfeuchtigkeit im Betrieb

5 - 95 % (nicht kondensierend)

## Weitere Bilder

