DIGITUS®

10 GIGABIT MEDIA CONVERTER

User Manual

DN-82211

Overview

10G Base-T to 10G Base-R Media Converter supports two types media for network connection such as 10GBase-T and 10GBase-FX. The bridge media converter is designed with a 10Gbase Ethernet PHY chip that connects two types segments operation smoothly. This converter can be used as standalone unit or as slide-in module to the 19" converter rack Chassis for use at a central wiring closet.

Technical Specifications

Standards	1000Base-T, 2.5GBase-T, 5Gbase-T, 10Gbase-T, 1000Base-X, 2500Base-X, 5GBase-R , 10GBase-R
Media Supported	1000Base-T: Cat5 UTP/STP. MAX 100m; 2.5GBase-T: Cat5e UTP/STP. MAX 50m; 5GBase-T: Cat5e UTP/STP. MAX 50m; 10G Base-T: Cat6a UTP/STP. MAX 50m;
Port Type	RJ45, SFP Slot
Work Mode	1000Base-T to 1000Base-X 2.5GBase-T to 2500Base-X 5Gbase-T to 5GBase-R 10Gbase-T to 10GBase-R
Power Supply	12V DC
Power consumption	MAX 5W

Operation Temperature	0°C to 55°C
Relative Humidity	5% to 80% (non-condensation)

Installing the Converter

For as a standalone unit:

➢ Verify the DC adapter conforms to your country DC power requirement and insert the power plug

➢ Connect the media cable for network connection

For as a slide-in unit:

➢ The slide-in Media Converter and Converter Rack Chassis should supplied only from the same source, both Media Converter Rack Chassis are built to match each other at dimension, DC jack, DC receptacle and power safety.

➢ Turn off the 19" converter rack power Locate +12V DC power jack on converter back, carefully slide in and plug to 19" rack +12V DC power receptacle

➢ Connect the media cable for network connection

➢ Turn on the converter rack power, the Power LED will light up

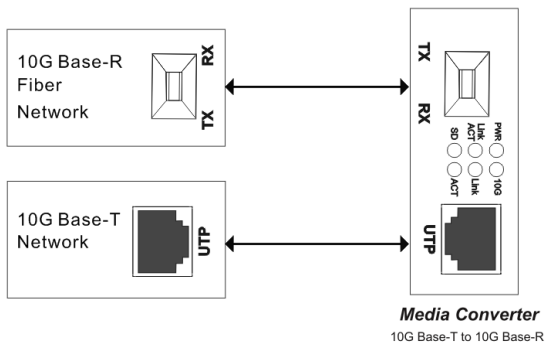## Wire connection, Front and Side panel

10G Base-R Fiber Network	RX / TX
10G Base-T Network	UTP

Media Converter
10G Base-T to 10G Base-R

Fig:Basic Network connection

PWR ⃝ ⃝ 10G
Link ACT ⃝ ⃝ Link
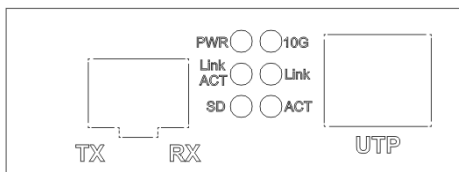SD ⃝ ⃝ ACT

TX   RX   UTP

Fig.2 Converter Front Panel for external power

DC5V~12V

Fig.3 Rear panel

Check List

Before you start installing the Converter, verify that the package contains the following:

The TP-Fiber Converter
AC to 12V DC Power Adapter (for external models) or Power Cord (for internal models)

The User's Manual
Please notify your local sales distributor immediately if any of the aforementioned items is missing or damaged

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