



Gigabit Ethernet Media Converter

1000Base-T to 1000Base-SX (SC) Multi-Mode, 220 m

Easily and effectively expand your network capacity and extend its range with minimal installation effort.

Model
515924

The INTELLINET NETWORK SOLUTIONS™ Gigabit Ethernet Media Converter was specifically designed to offer the network designer a device for migration from copper-based Ethernet to Fiber Ethernet. Now migration or expansion of existing networks can be achieved with minimum cost and complexity. The converter is completely transparent to the network so the network performs exactly the way it did before – only now it can support both copper and fiber mediums.

Expands the Size of an Existing Network

Provides fiber connectivity to Ethernet segments, allowing for even further networking expansion between extended workgroups. Also provides building-to-building connectivity without the need for the cost and disruption associated with the installation of additional routers.

Enhances the Distance between Networking Devices

Provides fiber connectivity to Ethernet segments, allowing for even further networking expansion between extended workgroups. Also provides building-to-building connectivity without the need for the cost and disruption associated with the installation of additional routers.

Cabling Flexibility

Network managers can install fiber cabling anywhere within a network without changing the arrangement of copper-based Ethernet. The compact size of the converter allows it to be easily deployed in any narrow desktop location or to be used in a wall-mount installation. Several converters can be simultaneously installed into a 19" rack-mountable chassis.

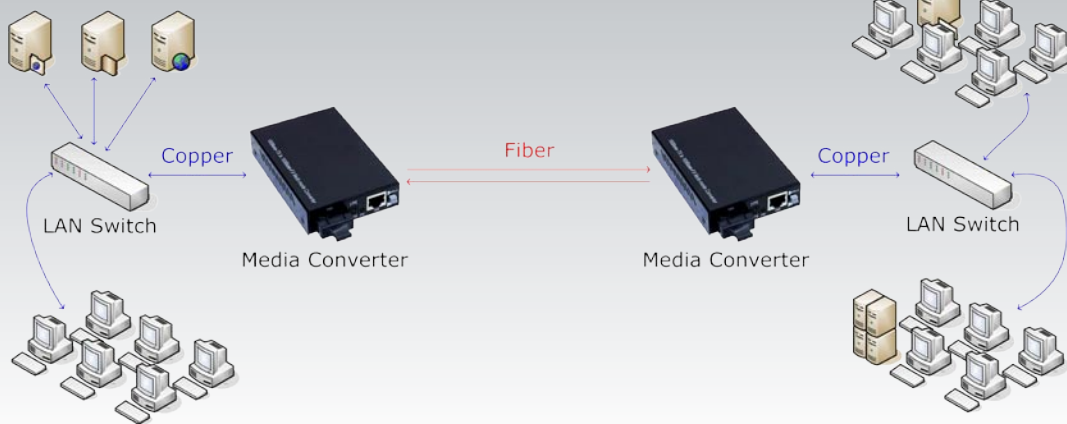
Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.



LAN 1 (Local Area Network)

LAN 2 (Local Area Network)



**LIFETIME
WARRANTY**

**Model
515924**

Features

- Data transfer rate: 1000 Mbps
- One 1000Base-T RJ-45 port, maximum distance 100 m (Cat5e and better)
- RJ-45 port with Auto MDI/MDI-X support
- One 1000Base-SX multi-mode Fiber SC duplex port
- Fiber distance support: up to 220 m (62.5/125 μ m cable) or 550 m (50/125 μ m cable)
- Wavelength: 850 nm
- Jumbo frames supported up to 10 kB
- Flow control
- Status LEDs for power and Link/TX for both ports
- External power adapter, 5 V DC
- Can be used stand-alone or in INTELLINET NETWORK SOLUTIONS Converter Chassis, Model 519854
- Lifetime Warranty

Specifications

STANDARDS

- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3z (Fiber Optic Gigabit Ethernet)

GENERAL

- Media support:
 - 1000Base-T Cat5e or higher UTP/STP RJ-45
 - 1000Base-SX multi-mode 50/125 μ m & 62.5/125 μ m Fiber
- Connectors:
 - One RJ-45 port, 1000Base-T
 - One Fiber SC duplex port, 1000Base-SX
- Distances:
 - 220 m (62.5/125 μ m Fiber cable)
 - 550 m (50/125 μ m Fiber cable)
 - 100 m (RJ-45 cable)
- Wavelength: 850 nm
- Safety & EMI certificates: FCC Class A, CE Mark

LEDs

- Power
- LINK/TX for RJ-45 port
- LINK/TX for Fiber SC port

POWER

- External power adapter, 5 V DC, 1.4 A
- Power consumption: 5.2 Watts (maximum)

ENVIRONMENTAL

- Metal housing
- Dimensions: 102 (L) x 74 (W) x 22 (H) mm (4 x 2.9 x 0.9 in.)
- Weight: 240 g (0.53 lbs.)
- Operating temperature: 0 – 60°C (32 – 140°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 90°C (-4 – 194°F)

PACKAGE CONTENTS

- Gigabit Ethernet Media Converter
- External power adapter
- User manual

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit www.intellinet-network.com.


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