INTELLINET 506502 Fast Ethernet Media Converter Instructions

INTELLINET 506502 Fast Ethernet Media Converter

For specifications, visit **intellinet-network.com.** To register your product warranty, go to the weblink or scan the QR code for your model, which you can find on the cover of this manual.
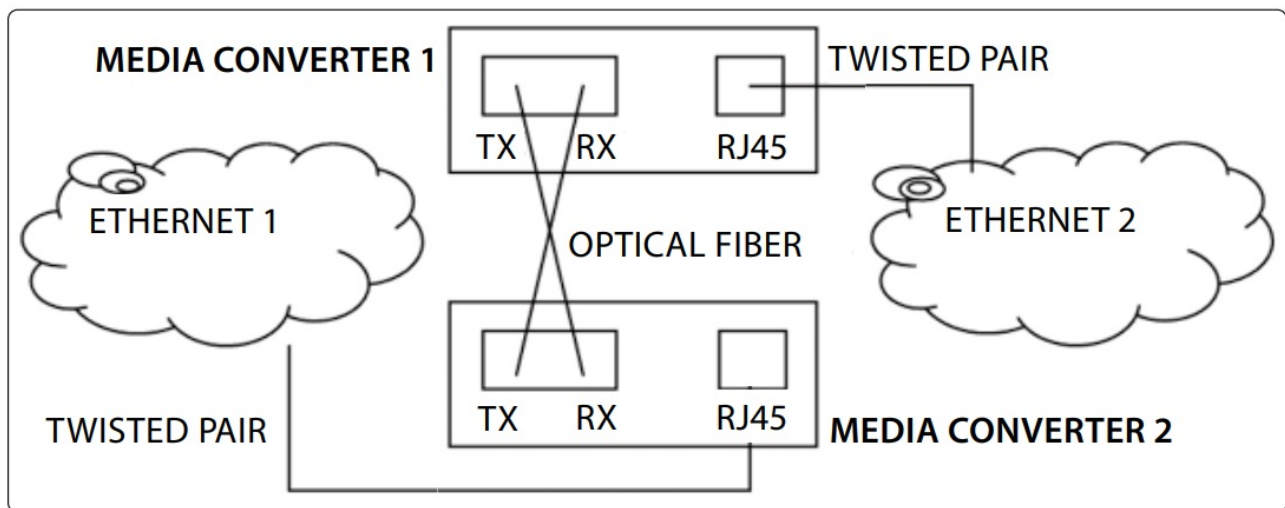
Models

- 506502: 10/100Base-TX to 100Base-FX (SC) Multi-Mode, 2 km (1.24 mi.)
- 506519: 10/100Base-TX to 100Base-FX (ST) Multi-Mode, 2 km (1.24 mi.)
- 506526: 10/100Base-TX to 100Base-FX (SC) Single-Mode, 40 km (24.8 mi.)
- 507332: 10/100Base-TX to 100Base-FX (SC) Single-Mode, Wavelength 1310 nm, 20 km (12.4 mi.)

Contents

Connections

Twisted Pair – RJ45

Connect the UTP port of the media converter to an RJ45 port on the network (e.g., to an Ethernet switch). Cat5e or better cabling is recommended.

Fiber Optic

As shown above, two fiber optic cables need to be connected between two ideally identical media converters. Make a connection from **Media Converter 1 TX** to **Media Converter 2 RX,** and from **Media Converter 1 RX** to **Media Converter 2 TX**. Maximum length and fiber cable specification depend on the model. (See Models.)

Front panel

LED	Description
PWR	The power adapter is connected when lit.
100M	100 Mbps link on the twisted pair connection when lit.
Link/Act **(TP = RJ45; FP = Fiber)**	• Active link when lit; • Data traffic when flashing; • No active network link when unlit.
FDX/COL (for TP/RJ45)	• Full duplex connection when lit; • Data collisions when flashing; • Half duplex when unlit.
SD (for FP/Fiber)	• Fiber optic signal is detected when lit; • No signal when unlit.

⚙ **Rear Panel**

Power

Plug the power adapter into the 5 V DC input jack on the media converter, then connect it to a regular power outlet. Only use the included power adapter or one with matching specifications (output of 5 V DC, at least 1 A).

WASTE ELECTRICAL & ELECTRONIC EQUIPMENT

DISPOSAL OF ELECTRIC AND ELECTRONIC EQUIPMENT
(Applicable In The European Union And Other European Countries With Separate Collection Systems)

This symbol on the product or its packaging means that this product must not be treated as unsorted household waste. In accordance with EU Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), this electrical product must be disposed of in accordance with the user's local regulations for electrical or electronic waste. Please dispose of this product by returning it to your local point of sale or recycling pickup point in your municipality.

WARRANTY AT

intellinet-network.com

REGULATORY STATEMENTS

FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and the receiver; connect the equipment to an outlet on a circuit different from the receiver; or consult the dealer or an experienced radio/TV technician for help

CE/UKCA

: This device complies with the requirements of CE 2014/30/EU (UKCA Electromagnetic Compatibility Regulations 2016) and / or 2014/35/EU (UKCA Electrical Equipment [Safety] Regulations 2016). The Declaration of Conformity for is available at:

support.intellinet-network.com/barcode/506502

support.intellinet-network.com/barcode/506519

support.intellinet-network.com/barcode/506526

support.intellinet-network.com/barcode/507332

Customer Support

CE **North America**
IC Intracom America
550 Commerce Blvd.
Oldsmar, FL 34677, USA

RoHS ✓ ♲ 22 PAP **Asia & Africa**
IC Intracom Asia
4-F, No. 77, Sec. 1, Xintai 5th Rd.
Xizhi Dist., New Taipei City 221, Taiwan

FC UK CA **Europe**
IC Intracom Europe
Löhbacher Str. 7, D-58553
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♲ Printed on recycled paper.

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N E T W O R K   S O L U T I O N S

Documents / Resources

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