



Atrie Mode Converter

## ATRIE MD 700



### **ABOUT Atrie MD700**

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The ATRIE MD700 Converter, can be compatible with ATM/SONET, FDDI, Ethernet, Fast Ethernet and Taken Ring protocol and cable standards, supporting transfer rate from 10M Ethernet to OC4(1.25G). ATRIE MD700 Converter can make the wavelength of between 850nm, 1300nm Multimode fiber and 1310nm, 1550nm Single fiber putting through. The main action of ATRIE MD700 Converter is to extend transport distance and to realize conversion between different modes. And the distance will come to 100km in single fiber.

### **Characteristic**

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- ▲ Compatible with ATM/SONET, FDDI, Ethernet, Fast Ethernet and Taken Ring protocol and cable standards, supporting transfer rate from 10M Ethernet to OC4(1.25G)
  - ▲ Make the wavelength of between 850nm,1300nm Multimode fiber and 1310nm, 1550nm Single fiber
  - ▲ The max distance of multimode fiber is 5km,and single fiber can come to 100km.
  - ▲ Indicator light will assist to diagnose network.
  - ▲ Mode design, plug and play, you can use the onefold convener or integrate it in the 2U chassis

### Installing ATRIE MD700 Converter

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This ATRIE MD700 Converter comes ready to install.

To install this Media Converter, first make sure that the unit is placed on a suitable flat surface, and leave some space at the back of the unit to accommodate the exhaust fan. Attach the cables between the ATRIE MD700 Converter and each device that will be interconnected, and then plug the unit into a reliable, filtered power source.

<b>NOTE</b>
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All network cables must be connected for link LEDs to glow.
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### Application

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#### 1) Type Appliance 1

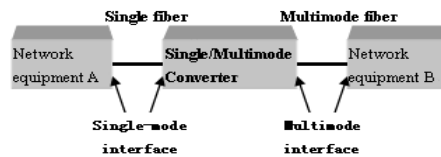


Chart 1 Type Appliance

The chart above is the typical appliance .It describes that the two Network equipments have different fiber interfaces. For example that A of Single-mode interface, we can connect A with the Single-mode interface of the Converter , and then connect another interface——multimode one with B .And now this channel will be linking.



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The network equipment A and B can be ATM/SONET □ FDDI □ Fast-Ethernet, Ethernet and Taken Ring protocol or measuring up cable.

2) Type Appliance 2

ATRIE MD700 Converter

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Single-mode

Chart 2

In chart 2 both of A and B have multimode interfaces. We use two ATRIE MD700 Converter in order to extend the distance between A and B.

### LED Operation

ATRIE MD700 Converter Indicators define:

LED Indicators Name	LED Indicators Define	LED Indicators State	LED Indicators Explain
PWR	Power LED Indicators	ON	Power Connect, Normal
SLN	Single-mode Fiber port LED Indicators	ON	Single-mode Fiber port connect correctly, It is on when the light of single-mode is enough strong



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		OFF	Communication can not connect
MLN	Multi-mode Fiber port LED Indicators	ON	Multi-mode Fiber port connect correctly, It is on when the light of multi-mode is enough strong
		OFF	Communication can not connect

### Specifications

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#### **Environmental**

Operating Temperature: 32° - 122° F (0° - 50° C)

Storage Temperature: 0° - 160° F (-20° - 71° C)

Humidity: 5 - 95% (non-condensing)

#### **Power**

AC Input Load: 100/240 ±10% VAC ~ 50/60 Hz, 0.1/0.05A

#### **Dimensions**

15.0cm D\*11.5cm W\*3.8cm H

### Warranty

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This warrants to the original end-user purchaser that this product, EXCLUSIVE OF SOFTWARE, shall be free from defects in materials and workmanship under normal and proper use in accordance with instructions and directions for a period of three (3) years after the original date of purchase. This warranty is subject to the limitations set forth below.

At its option, we will repair or replace at no charge the product which proves to be defective within such warranty period. This limited warranty shall not apply if the product has been damaged by



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unreasonable use, accident, negligence, service or modification by anyone other than an authorized Service Technician or by any other causes unrelated to defective materials or workmanship. Any replaced or repaired products or parts carry a ninety (90) day warranty or the remainder of the initial warranty period, whichever is longer.

#### Order Information

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##### The model of Media Converter 10/100M Auto-Negotiation:

M85-S13/155M SC, the distance of 40Km  
M13-S13/155M SC, the distance of 40Km  
M85-S13/1.25G SC, the distance of 10Km  
M85-S13/1.25G SC, the distance of 40Km

**If you have other requirements of connect or longer distance, please get in touch with us.**



**Atrie Technology Inc.**

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