

# 10/100M Media converter

ND-821SW-BIDI-AB



## FEATURES

- 10/100Mbps Ethernet
- 10/100 BASE-T/TX electrical port
- 100 BASE-SX/LX optical port
- Electrical port supports Auto-Negotiation for 10Mbps or 100Mbps , full duplex or half duplex data
- Optical port supports 100Mbps full duplex data
- Automatic MDI/MDI-X crossover
- Distances up to 2km for Multi mode;Up to 120km for Single mode
- Voltage transient protection on all power and signal input.output lines provides unconditional protection from power surges and other voltage transient events
- No in-field optical adjustments required
- LED Indicators



**Newbridge**®10/100M media converter with external power supply are designed to transmit and receive 10/100Mbps data over optical fiber. The electrical interface will Auto-Negotiate to a 100Mbps or 100Mbps Ethernet rate without any adjustments. The optical interface operates at a 100Mbps Ethernet rate. Both are environmentally hardened to operate in extreme temperatures. LED indicators are provided for confirming equipment operating status.

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## Specifications

Parameters	Specifications
Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/FX
Transmission Distance	Single fiber Single mode,10km~120km
Port	1* 100M optical port ,1*100M RJ45
MDI/MDI-X	Auto selection
Power Supply	External : 5V DC 1A/2A Built-in: 90 V to 240 V AC 50Hz to 60 Hz Power Consumption : ≤5W
Operating Temperature	0 °C to +65 °C
Storage Temperature	-20 °C to +65 °C
Relative Humidity	5% to 90% (non-condensing)
Dimensions	95mm * 70 mm * 25mm

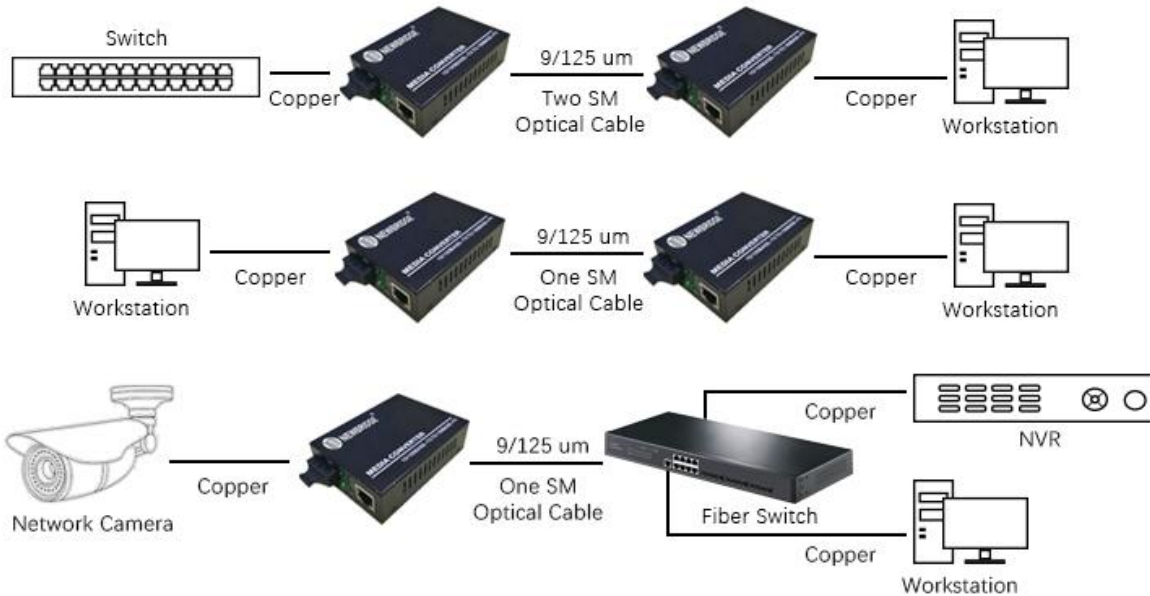
## Application Diagram



Shenzhen Newbridge Communication Equipment CO.,LTD.

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## Order Information

Part No	Description of product	Unit
ND-821SW-BIDI-AB	Single fiber Single mode 1310nm, 20km,SC,220V/AC,5V2A/DC,1*100Base-Fx+1*10/100Base-Tx	pc



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