

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.

10/100M Media converter

ND-821SW-2



Specifications

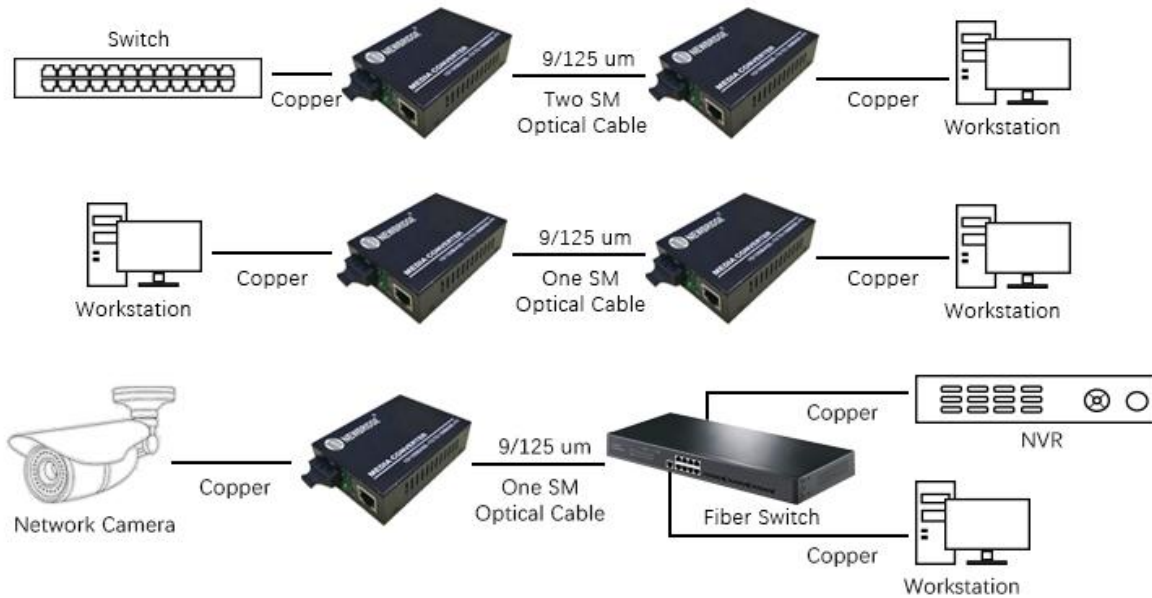
| Parameters | Specifications |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Standards | IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/FX |
| Transmission Distance | Dual fiber Multi mode,2km |
| Port | 1* 100M optical port ,1*100M 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 |

10/100M Media converter

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Application Diagram



Order Information

| Part No | Description of product | Unit |
|------------|-------------------------------------------------------------------------------|------|
| ND-821SW-2 | Dual fiber Multi mode,2km, SC,220V/AC,5V2A/DC,1*100Base-Fx+1*10/100Base-Tx | pc |