

10/100M Media converter

ND-820SSW-20



FEATURES

- 10/100M smart media converter
- 1*100M optical port ,1*10/100M RJ45
- 100M Dual fiber Singlemode,1310nm,SC, 0~20KM
- Support LFP function, Auto MDI / MDI X
- LFP (Link Fault Pass-Through) for indication of a link failure on the transmitting path of the FX receiving circuitry.
- Supporting Far End Fault function on FX port
- Supporting Transparent to 802.1Q VLAN tagged packets
- Supporting the transmission of extra-long packets up to 1600 bytes
- Supporting store and forward mode / transparent transfer mode selectable by DIP switch
- Provides user accessible settings for TP port configuration, disabling link fault pass-through function
- Extremely low power consumption (less than 2W), low heat, reliable quality, stable performance, and long lifetime



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.

Specially:This equipment also supports fixed 100M ethernet rate with the DIP switch

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Specifications

Parameters	Specifications
Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/FX
Transmission Distance	100M Dual fiber Singlemode,1310nm,SC, 0~20KM,Stand alone
Port	1* 100M optical port ,1*100M RJ45
MDI/MDI-X	Support LFP function, Auto MDI / MDI X
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

DIP SWITCH

*Toggle ON pin 1 to LFP is enable; OFF is disable

*Toggle ON pin 2 to Store and forward switch is enable;OFF pin 2 to Modified cut-through switch mode is enable

*Toggle ON pin 3 to auto-negotiation mode is enable;OFF pin 3 to force the TX port work 10/100Mbps,full/ half duplex

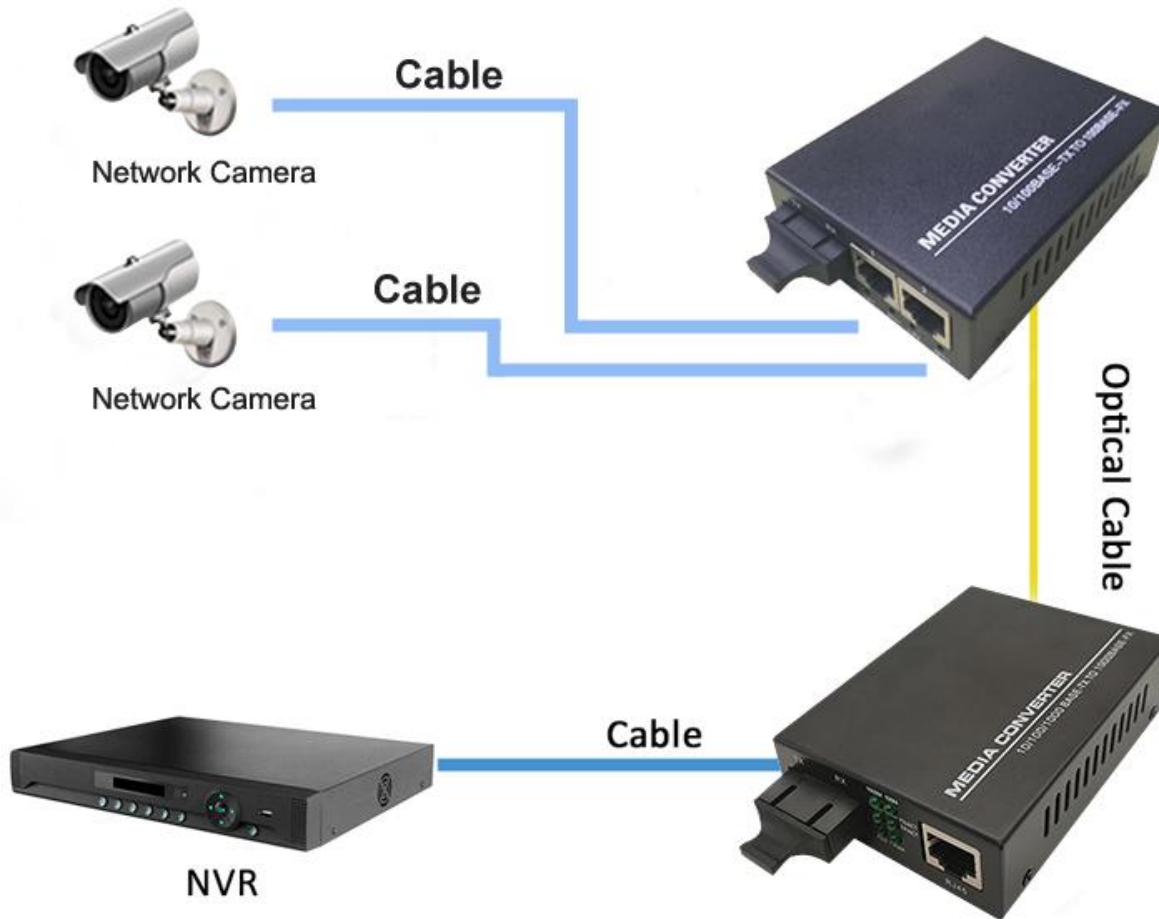
*Toggle ON pin 4 to TX is work 10Mbps, OFF is 100Mbps

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Application Diagram



Order Information

Part No	Description of product	Unit
ND-820SSW-20	Dual fiber Single mode 1310nm, 20km,SC,220V/AC,5V2A/DC,1*100Base-Fx+1*10/100Base-Tx	pc



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