

10/100M Optical Fiber Switch

ND-820-2FX4TX-SC



FEATURES

- 4*10/100M Ethernet electrical ports and 2*100M optical interfaces
- The multimode transmission distance can reach 2 kilometers, and the single mode transmission distance can be up to 120 kilometers
- Adopt high-performance switch chip and large-capacity cache
- with broadcast storm protection, balance traffic, isolation conflicts and detection errors
- Support full-duplex IEEE802.3x flow control and half-duplex backpressure flow control, half-duplex or full-duplex auto-negotiation
- High quality laser devices have good optical properties, electrical properties and temperature stability
- the circuit layout is scientific, anti-interference ability, can effectively prevent lightning strikes
- the working status indicator is complete, the working status is clear at a glance
- external professional switching power supply, safe and stable. The whole machine consumes less than 4W



Newbridge® The series multi-port optical transceiver (also known as fiber switch) is the power of Ethernet Conversion between an interface and an optical interface. Fiber switch can be configured with 4 Ethernet ports and 2 lights Interface, which extends the transmission distance of Ethernet from 100 meters to 2 kilometers (multimode fiber) Or 120 km (single mode fiber).

It can easily interconnect multiple motherboard servers, repeaters, hubs, terminals and multiple terminals. Using a mature switching core, Equipped with a variety of fiber optic interfaces, supporting hot swap, flexible, efficient and reliable.

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Specifications

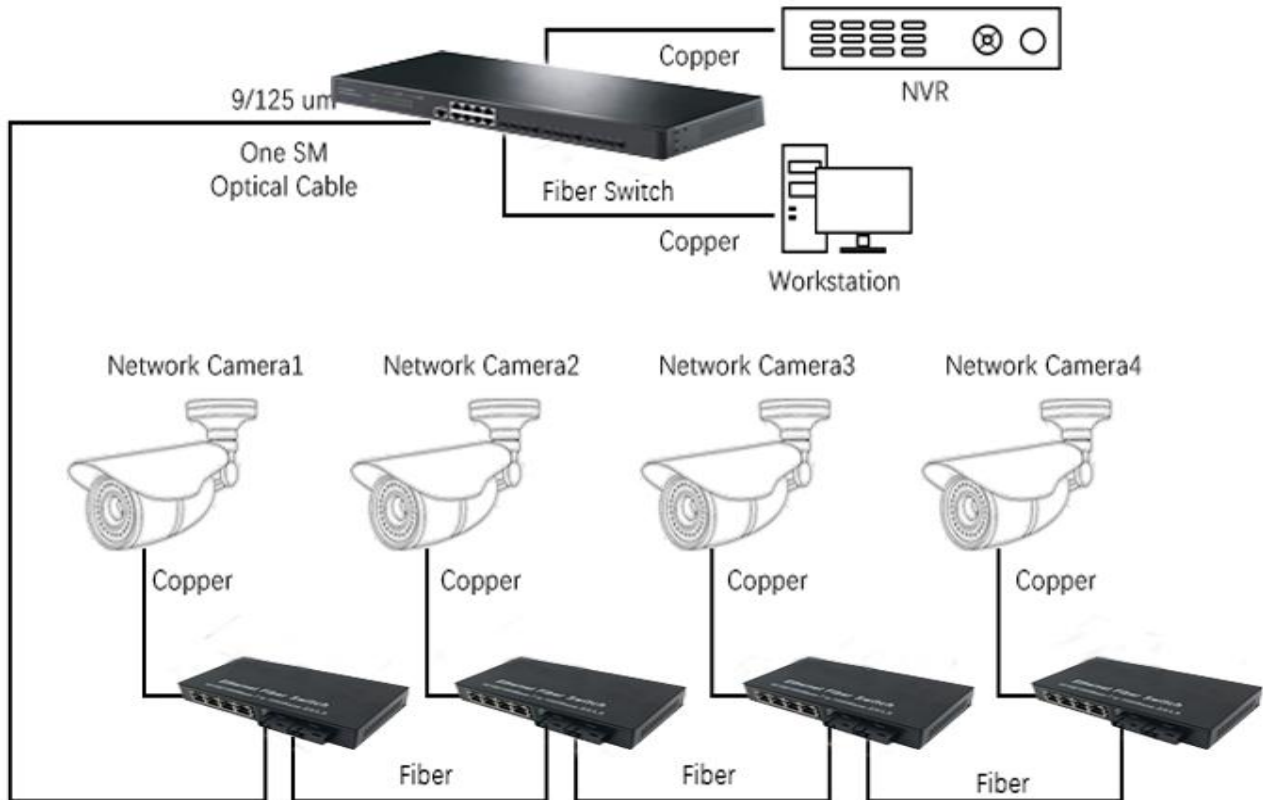
Parameters	Specification
Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/FX
Rj45 port	4 Rj45 port 10/100Base-T(X) auto negotiation speed, Full/Half duplex mode, Auto MDI-MDI-X connection Up to 100M Cat-5 transmission distance
Fiber port	2 Fiber Port Comply with IEEE802.3z Rate: 100Mbps Wavelength: 850/nm1310nm/1550nm Up to 2KM transmission distance with multi-mode Up to 20km,40km,60km,80km transmission distance with single-mode SC/LC interfaces optional
Switch Properties	Mac address table:1k Memory buffer:256K Acket Buffer Size: 1Mbit Processing Type: Store and Forward
Power Supply	External : DC/5V2A 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)

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Application Diagram



Order Information

Part No	Description of product	Unit
ND-820-2FX4TX-SC	Single-mode 1310nm, 20km,SC,220V/AC,5V2A/DC,2*100Base-Fx+4*10/100Base-Tx	pc



Shenzhen Newbridge Communication Equipment CO.,LTD.