

DS-3D208 Series 1000M Optical Transceiver



Overview

Adopting time division and wavelength division multiplexing technology, the DS-3D208 series Fiber Optic Transmitter is capable of transmitting signal via the Ethernet interface in the single-fiber and single-mode, and can be used both in pairs and cooperated with the DS-3D201R series products. Owing to the industrial design which is highly reliable, DS-3D208 series can be widely applied to the video surveillance systems in public security, transportation, mine, factory, etc.

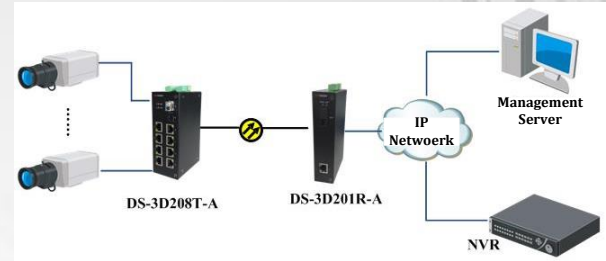
Available Models

Models	Description
DS-3D208T-A	Transmitter, 1 1000M RJ45, 7 100M RJ45

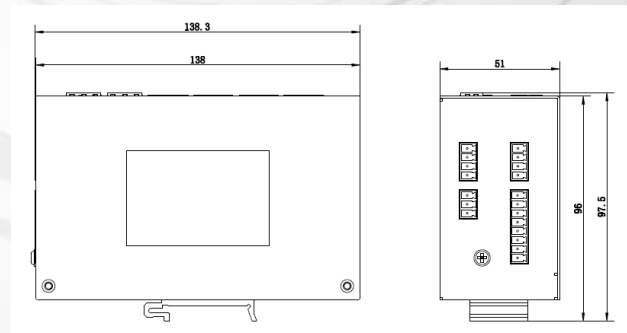
Key Features

- 7 10/100 BaseT(X), 1 10/100/1000BaseT(X) self-adaptive RJ45 interface;
- 1 1000BaseFX Ethernet optic interface;
- Single-fiber and single-mode with 20 km transmission distance;
- Support IEEE802.3, IEEE802.3u, and IEEE802.3x network standards;
- Storage and forwarding switch;
- Broadcast storm prevention;
- Delay time of data exchange is less than 5μs;
- QoS (Quality of Service);
- Compact structure;
- Able to work between -30 °C and 70 °C (-22 °F ~ 158 °F);
- Plug and play, convenient installation;
- Industrial design.

Typical Application



Dimension



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Model	DS-3D208T-A
Parameters	
Optic	
Interface Type	LC
Transmission Distance	0~20 km
Optical Type	Single-mode and Single-fiber, 9/125μm
Input/output Wavelength	Tx1310/Rx1550nm
Sending Power	-6~-1dBm
Receiving Sensitivity	-21 dB
Network	
Interface	8 RJ45, 7 10/100BaseT(X), 1 10/100/1000BaseT(X)
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Process Mode	Storage and Forwarding
Flow Control	IEEE802.3x Full Duplex, backpressure
Priority Queue	4
MAC Address Table	8k
QoS (Quality of Service)	Support
Exchange Capacity	5.4Gbps
Packet Forwarding Rate	4Mpps
Internal Cache	1Mbit
General	
LED Indicator	OPT optical fiber link indicator, PWR power indicator
Cover	Metal Material, No Fan
IP Level	IP 40
Power Supply	12 VDC/1 A
Consumption	< 6W
Working Temperature	-30 °C ~ 70 °C (-22 °F ~ 158 °F)
Working Humidity	5~95% (No Condensation)
Weight	0.6 kg (1.32 lb)
Dimension (H×W×D)	138.3 mm × 32 mm × 99.5 mm (5.44" × 1.26" × 3.92")
Installation	DIN Industrial Rail Mounted