NV-100SFP M/S

Long Reach Ethernet over VDSL2 SFP

The Netsys NV-100SFP-M/S LREoVD2 SFP is an MSA compliant Small-Form Factor Pluggable module that enables traditional Ethernet switch, media converter and other network appliance to connect beyond typical Ethernet coverage (100 meters). Leveraging VDSL2 technology, this SFP module can easily be applied in any environment with existing 2-wire cable, such as phone line, to avoid the cost of rewiring. It can dramatically extend Ethernet service on UTP wire with distance up to 3000 meters.

Features

- Industry Standard Small Form-Factor Pluggable (MSA compliant)
- Provide 100/100 Mbps up to 500m over CAT 5e
- Supports long reach up to 3KM
- Supports Auto speed and Plug & Play
- Industrial rated for -20C to 70C operation

Specifications

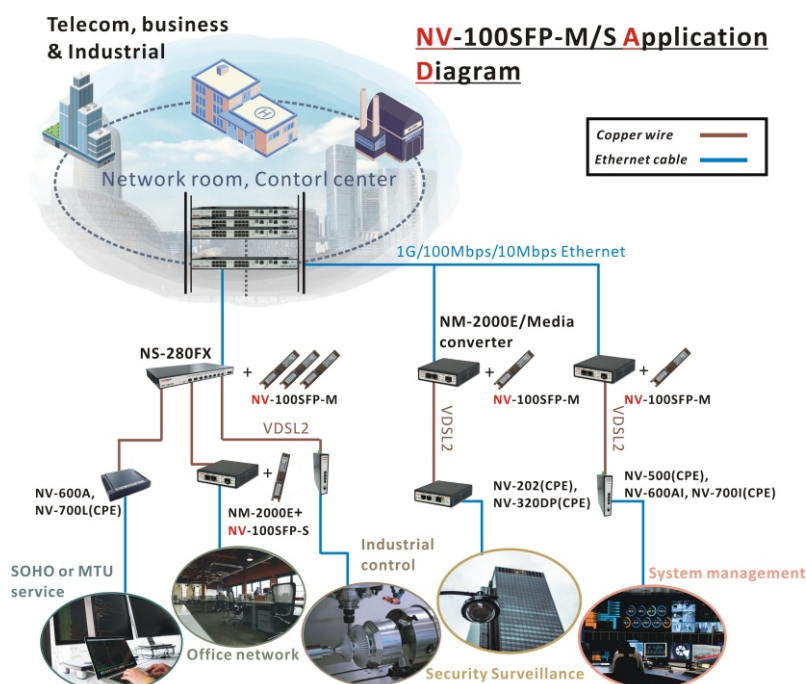| Interface	RJ-45/RJ-11 Port (Line Port) SGMII/SERDES connect to SFP switch
LED Indication	LED1 (CO/CPE indicator) LED2 (Link/active Status indicator)
Certification	CE, FCC,RoHS Compliant
ESD Standards	Contact:+/-4KV Air:+/-8KV (EN61000-4-2)

POWER consumption	2.4Watt
Temperature	-20~70°C (Operating) -40~70°C (Storage)
Dimensions	79.2 x 13.7 x 17mm
Humidity	10 to 90% non-condensing

Application

Telecom, business & Industrial

NV-100SFP-M/S Application Diagram

Copper wire
Ethernet cable

Network room, Contorl center

1G/100Mbps/10Mbps Ethernet

NS-280FX

NV-100SFP-M

NM-2000E/Media converter

NV-100SFP-M

NV-100SFP-M

VDSL2

VDSL2

VDSL2

NV-600A, NV-700L(CPE)

NM-2000E+ NV-100SFP-S

NV-202(CPE), NV-320DP(CPE)

NV-500(CPE), NV-600AI, NV-700I(CPE)

SOHO or MTU service

Office network

Industrial control

Security Surveillance

System management

Ordering Information

Model Name	Description
NV-100SFP-M	LREoVD2 SFP Module Master
NV-100SFP-S	LREoVD2 SFP Module Slave

*Netsys reserves the right to change specifications without prior notice

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