G.fast Point to Point Solution

NV-450 M/S

G.fast Master modem + G.fast /VDSL2/V35b Slave Modem

NV-450M/S is a managed G.fast point to point solution with four Gigabit LAN ports. It is compliant to ITU-T G.9700/9701 Standards and supports G.fast 106/212 dual wave profile, bandwidth is up to 1Gbps of symmetric data transmission and it is perfectly suitable for FTTpd/FTTN applications.

NV-450M/S is a cost effective solution that delivers high-speed Internet access to end-users over existing copper wire infrastructure, not only NV-450M/S support future-proof super Vectoring (G.fast)compatibility,

NV-450S itself also support Vectoring(VDSL2) and super Vectoring(VDSL35b), and this solution is designed to meet the ISPs requirements to cover end users in different range of loop / areas .
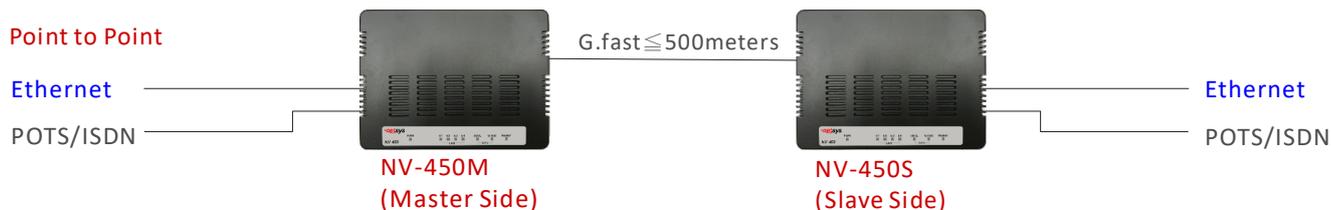
Features

- Compliant with ITU-T G.9700/9701 G.fast Standards
- Support super Vectoring(NV-450S only)
- Support 17a/35b/106a /212a band profile(NV-450S)
- Support dual way profile 106a & 212a(NV-450M)
- Support High Bandwidth up to 1Gbps symmetric
- Support Router / bridge mode selection(NV-450S only)
- Support Jumbo frame(MTU) up to 1600 bytes

- Support SSH/SSL Security
- Master / Slave Mode selection by firmware upgrading
- Splitter on board
- RJ-11/Terminal block combo for line port
- Line port built-in surge protector
- Support Dual Firmware Image Backup
- Main Chipset : Intel

Specifications

Ethernet Interface	IEEE 802.3 10Base-T, 802.3u 100Base-TX, and 802.3ab 1000Base-TX 4x RJ-45 10/100/1000Mbps
Line Interface	1x RJ-11 for POTS/ISDN 1xRJ-11 /Terminal block RJ11/Terminal block combo for line port
Button	Reset Button (Factory Reset)
Indicators LED	Power LAN: Act/Link Line: Act/Link/xDSL/Master mode

USB Interface	2xUSB 3.0 Connectors
Routing (NV-450S only)	IP Multicast, IGMP Proxy, Snooping Static Routing IPv4, IPv6 forwarding DHCP Server/Relay/Client IPv4/IPv6 DNS Proxy and Relay, NTP Client
Input Power	DC 12V / 2A
Temperature	0~50° C (Operating), -20 ~70° C (Storage)
Humidity	10 - 90% non-condensing
Certification	CE, FCC, RoHS Compliant

Application

Point to Point

Ethernet

POTS/ISDN

G.fast ≦ 500meters

NV-450M
(Master Side)

NV-450S
(Slave Side)

Ethernet

POTS/ISDN

Ordering Information

Model Name	Description
NV-450M	G.fast Single Master Modem
NV-450S	G.fast /VDSL2/V35b Slave Modem Router