

High Speed VDSL2 Bonding Modem

ZXHN H186



Product Highlights

- 2-Pair VDSL2 bonding up to profile 35b
- Backward compatible with VDSL2
- Gigabit Ethernet
- Robust remote management - TR069
- CE certification



Overview

ZXHN H186 is a super fast DSL modem supporting VDSL2 Profile 35b bonded vectoring to provide 500Mbps downstream broadband speed. It is also backward compatible with VDSL2. It allows operators to provide super fast broadband experience on existing copper phone lines. Operators can provide High Speed Internet or IPTV services with existing gateways through Ethernet connected to H186. And it is also convenient for operators to facilitate the large-scale deployment and maintenance by zero-touch provisioning through TR-069 protocol.

Technical Specifications

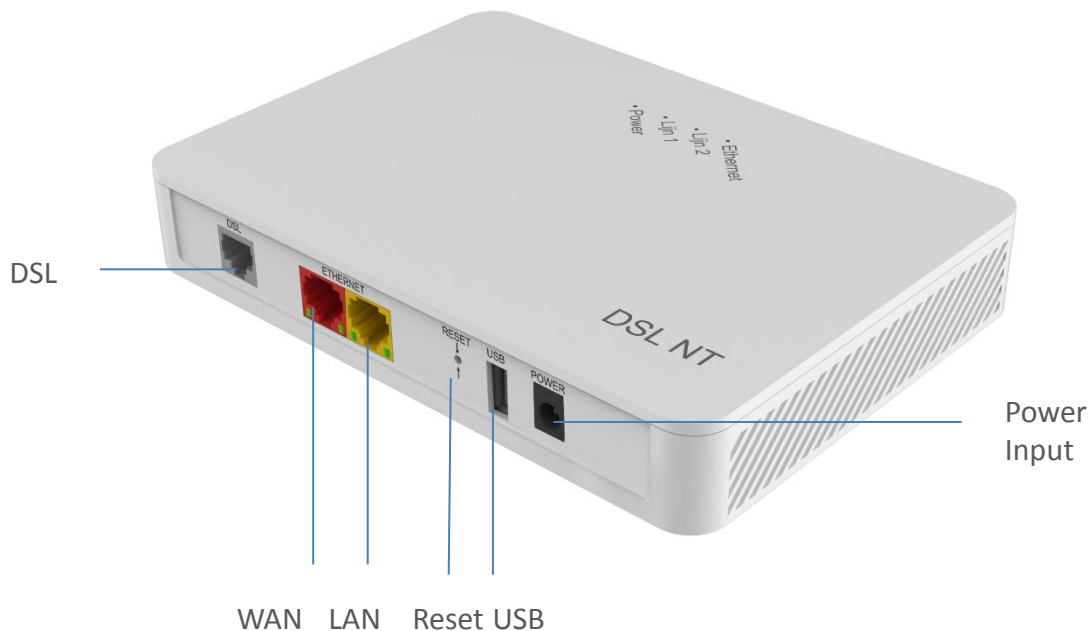
Hardware	
Interfaces	<ul style="list-style-type: none"> • 1 RJ-14 VDSL2 bonding/VDSL2/ADSL2+ port • 1 10/100/1000Mbps RJ-45 WAN port for connecting home gateway/router • 1 10/100/1000Mbps RJ-45 LAN port for local management • 1 USB2.0 port for power charging
Buttons	<ul style="list-style-type: none"> • Reset
LEDs	<ul style="list-style-type: none"> • Power, Line 1, Line 2, Ethernet
VDSL2 Standards	<ul style="list-style-type: none"> • G.993.2 VDSL2, supports up to Annex Q Profile 35b • G.993.5 (G.vectoring) compliance • G.998.2, supports single line and pair bonding up to Profile 35b • G.998.4(G.INP)
Software	
Networking	<ul style="list-style-type: none"> • IPv4/IPv6 Dual Stack • NAT/PAT/ALG • Port mapping/DMZ/Virtual server • UPnP IGD with NAT traversal capability • Static routing/dynamic routing • Dynamic DNS relay • DHCP client/server • IGMP and MLD snooping/proxy
QoS	<ul style="list-style-type: none"> • Flexible packet classification • Up to eight queues • SP/DWRR/SP+DWRR
Security	<ul style="list-style-type: none"> • Stateful Packet Inspection (SPI) • Denial of Service (DoS) prevention • Multiple VPN (IPSec, PPTP,L2TP) passthrough • MAC/IP/URL filtering • Black and white list
Management	<ul style="list-style-type: none"> • TR-069 remote management • TR-181i2 data model • Web GUI management • Local built-in diagnostic function • 8 levels syslog and statistics • Remote upgrade

Technical Specifications

Others	
Electrical Characteristics	<ul style="list-style-type: none">• AC adapter: 12V DC, 1.5A
Physical Characteristics	<ul style="list-style-type: none">• Net weight: 249 g• Dimensions: 172x125x27 mm
Environmental Characteristics	<ul style="list-style-type: none">• Operating temperature: 0 ° C ~ 40 ° C (32 ° F ~ 104 ° F)• Humidity: 5% ~ 95% (non-condensing)
Certification	<ul style="list-style-type: none">• CE certification

Note: Not every listed feature will be included in the shipping product. We reserve the right to make changes of technical specifications, housing or design without prior notice.

Connection Diagram



Application Scenario

