VX-1000MDz 24 Ports ADSL2+ Mini DSLAM Description:

The VX-1000MDz Series is an advanced IP based DSLAM that can be used by service providers interested to offer broadband multi-service features. It enables high bandwidth, high quality data and voice transmission for applications such as multimedia and video streaming, interactive paid TV channels, online gaming, video conferencing, telecommunication, VoIP and distance learning, etc.

VX-1000MDz 24 Ports ADSL2+ Mini DSLAM Features:

Hardware Features:

- Compact design in nearly one RU Height unit
- Service capacity expansion via units Stacking
- Two 100/1000Base Combo Gigabit Ethernet uplink network interfaces
- 24-ADSL2+ ports with built-in POTS Splitter
- Non-blocking switching fabric and wire-speed switching capability
- On board LEDs for system status indications
- Dual power supply modes, DC and AC
- High reliability design
- SELT and DELT Subscriber Loop testing

Software Features :

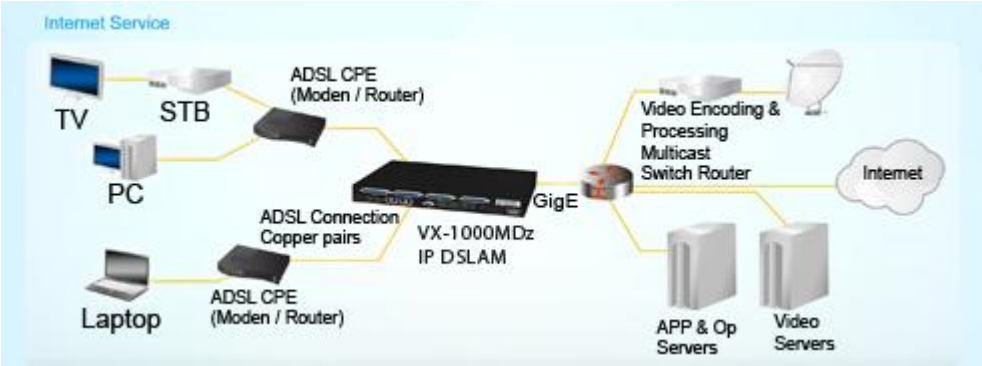
- Subscriber traffic isolation among ADSL2+ line ports
- Subscriber rate limiting
- Configurable mapping between VLAN tag and ATM PVC RFC 2684 multi-protocol over AAL5, RFC 2516 PPPoE packet forwarding
- IEEE 802.1D spanning tree bridging
- IEEE 802.1Q VLAN tagging, IGMP snooping and GVRP
- IEEE 802.3ad link aggregation on network interface
- Windows based and GUI management system with different user access levels
- Remote system configuration by using Telnet, SNMP v1/v2c management

- In-band management channel
- QoS for IEEE 802.1p priority queues
- OAM F5 fault diagnostic

VX-1000MDz 24 Ports ADSL2+ Mini DSLAM applications:

With the ADSL CPE connecting to VX-1000MDz Series, IP packet will be encapsulated and accordance of traffic management with QoS to guarantee the connection quality

VX-1000MDz Series IP-DSLAM has ability to transparently the protocols from ADSL CPE or end user PC to service applications such as PPPoE (RFC 2516), RFC 2684 Bridge, and L2TP, L2F, PPTP, IP-Sec. tunneling.



VX-1000MDz 24 Ports ADSL2+ Mini DSLAM Specifications:

Gigabit Ethernet Interface	Two 100/1000Base Combo uplink interfaces (electrical and optical)
	The throughput at least 80,000 packets per second for 1518 bytes packet size both upstream and downstream.
	Cascading connection for multi-system application
Subscriber Line Interface	24-ports ADSL2+ Subscriber line which enables multimedia services.
	Consolidates ADSL, ADSL2 and ADSL2+ connection interface with max. of 25Mbps down stream and 3Mbps up stream
	Loop test supported (SELT/DELT)
	Up to 8 VPC/VCC per ADSL port
	Impulse noise protection
Interface Connection	RS-232 Female DB-9 for Console Management access interface
	2*RJ-45 for FE/GE electrical network uplink
	LC connectors for GE optical network uplink
	1*Telco50 for ADSL Subscriber interface
	1*Telco50 for POTS line Subscriber interface
	2*RJ-45 for Alarm I/O contacts
	In-band Network Management
Standard Compatibility	ITU-T Rec.G.992.1, G.992.2, G.992.3 and G.992.5 with Annex , G.994.1, G.997.1, ANSI T1.413 Issue 2
Application Services	Static IP service at bridge mode:

	It associates the incoming traffic and tag the VLAN ID to switching into Layer 2 nework.
	PPPoE Services: Support PPPoE relay for centralize management of subscribers among different ISPs.
	DHCP Services: Support DHCP option 82 & relay for centralize IP manage under bridged mode
	Video on Deman Services: Supports multicasting with stream channels by enable IGMPv2 snooping function and supports up to 256 multicast groups per set
	VLAN Pass-through Services: Under bridged mode, it allows subscriber deployed their own VLAN ID to associate in the network.
	VPN Pass-through Services: Supports tunneling mechanisms service like IPSec. L2TP, and PPTP for VPN pass-through application under bridged mode
Subtrack / Models	Dimension (W x H x D): 436 x 51 x 320 (mm)
	Weight: 4/6 kgs
	19' rack mountable pizza box in nearly IU height