



MD15

48-Port Managed IP DSLAM with GbE Combo Uplink

The MD15 is a 1.5U 19" rack mountable "pizza box" type ADSL2+ IP DSLAM with temperature hardening. The system provides 48 ADSL2/2+ ports with built-in POTS splitters and is able to provide broadband data communication services and multimedia services on the same copper line. The unit is capable of delivering high speed data services, full-rate of ADSL2+ (up to 24mbps download) for 48 subscribers with 2 Gigabit uplinks or 10 Mbps per port for 96 subscribers in a two 48-port stacked boxes configuration. With advanced QoS features, the MD-15 is ideal for next generation broadband networks capable of delivering rich video content, DSL, POTS, and VoIP service over ADSL2+ link. The MD-15 provides two uplink ports with both electrical and optical (SFP) Gigabit Ethernet (GbE) interfaces for cascading, ring architecture or 802.3ad link aggregation. The MD15 is suitable for small size applications or deployment in remote location such as business parks or street cabinets to extend the service reach distance from central office.

Features

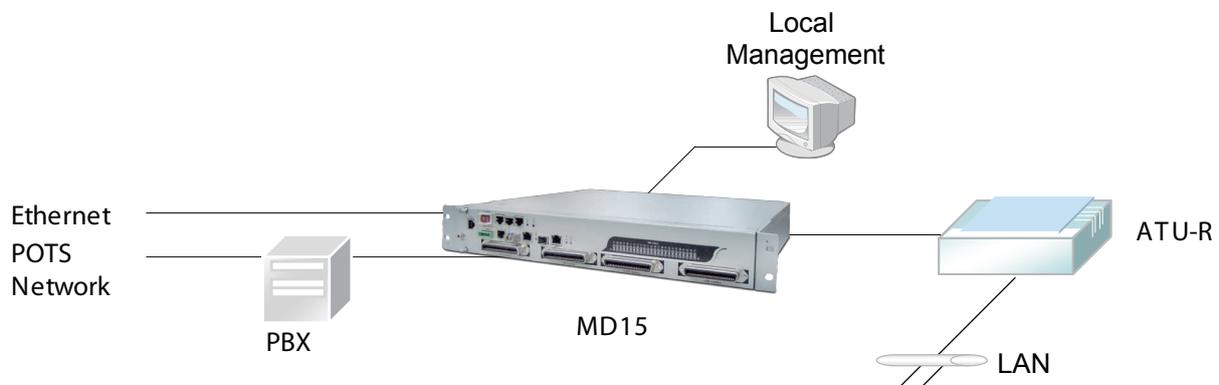
- 48 ports ADSL2/2+ solution in 1.5U chassis
- 1+1 Gigabit Ethernet trunk with combo SFP and RJ45
- Multi-ADSL speed offerings supporting ADSL, ADSL2, ADSL2+ over POTS or ISDN
- Built-in POTS splitters
- Backup firmware partition aids in upgrade failure recovery
- Temperature monitor and system over temperature protection with trap alarm
- Configuration backup and restore via TFTP
- RS-232 serial CLI and separate LAN port for web based management
- NMS/EMS for Multiple nodes management based on SNMP (option)

Specifications

VDSL2 standards	Network Interface	2x 10/100/1000Based-T or 2x SFP (IP)
	Line Interface	ADSL2/2+ / POTS(G.992.1 .2 .3 .5)
Management	Ethernet	IEEE 802.1d Spanning Tree Protocol (STP) IEEE 802.3ad Link aggregation Password Security on console access
	OSI Layer 2	MAC filtering and count limit
	Functionality	Access control list (ACL)
		Multicasting support
		Port based and 802.1p/q Tag-based VLAN
	IGMP V1/V2 snooping and proxy	
	SNMP V1/V2C	
System	Multiple session Telnet, web based and SNMP	
Configuration	Supports point to point VCC link Software remote upgrade	
MTBF	50,000 hrs	

Alarm and Status	Automatic alarm/LED indication for alarm and system status Four housekeeping inputs and one alarm contact closure output
Management	Provides all system OAM&P functionalities, software remote updates RS-232 local console interface for basic provisioning plus out-band Ethernet interface for Telnet or Web
Indications	GbE 1/2 link, RST, ACO, ALM, SYS, DSL Status 1 ~ 48
Power Input	Dual A+B feeds, -42V ~ -56VDC AC: 100V ~ 240VAC
Power Consumption	130W
Dimensions	265 x 482 x 66mm (D x W x H)
Weight	3.5kg
Temperature	-40 ~ 65°C (Operating), -40 ~ 70°C (Storage)
Humidity	10~90% non-condensing
Certification	CE, FCC, RoHS compliant, ITU-T, ETSI

Application



Ordering Information

Model Name	Description
MD15-48A6-AC	1.5 U 19" Rack 48-port Anx A 600Ω AC Power
MD15-48A6-DC	1.5 U 19" Rack 48-port Anx A 600Ω DC Power

MD15 - - Power Type
 Example: MD15 - 48A6 - AC