1.5U 48 Port Managed IP DSLAM

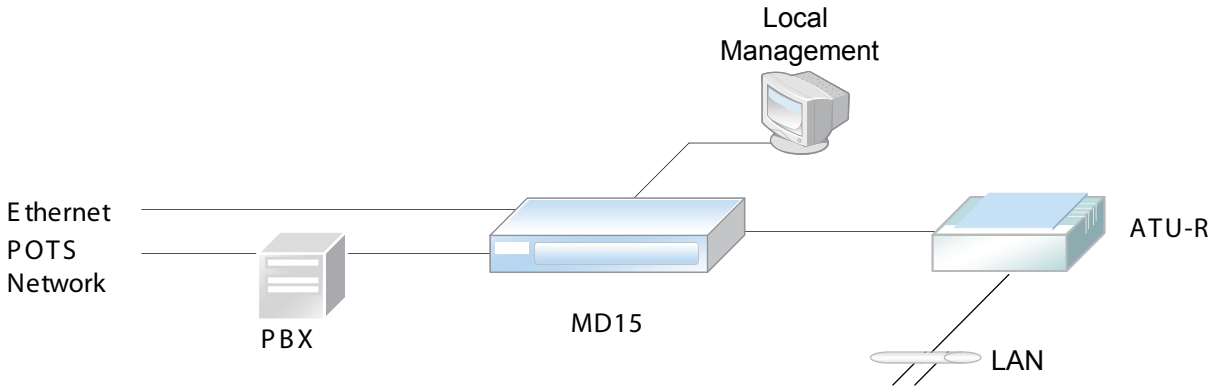
MD15

The MD-15 is a 1.5U 19" rack mountable "pizza box" type ADSL2+ IP DSLAM with temperature hardening. The system provides 48 ADSL/2/2+ 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 MD-15 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
- Temperature monitor and system over temperature protection with trap alarm
- Backup firmware partition aids in upgrade failure recovery
- 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)

Ports	Network Interface 2 x 10/100/1000 Based-Tx or 2 x SFP (IP) Line Interface ADSL2/2+/ POTS(G.992.1 .2 .3 .5)
Service characteristics	Ethernet: IEEE 802.1d Spanning Tree Protocol (STP) IEEE 802.3ad Link aggregation Password Security on console access OSI Layer 2 Functionality: MAC filtering and count limit 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 Configuration	Multiple session Telnet, web based and SNMP Supports point to point VCC link Software remote upgrade
Alarm and Status Surveillance	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	0~50°C (Operating), -10~70°C (Storage)
Humidity	10~90% non-condensing
Certification	CE, FCC, RoHS, ITU-T, ETSI
MTBF	25,000 hrs (25°C)



Ordering Information

Model type | Power type

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Model type	Power type	
48A6	AC	:48 port 600Ω Anx A
48AE	DC	:48 port 600Ω Anx A

Example: MD15-48A6-AC