



# MD15A

## 24-Port Managed IP DSLAM with Gigabit Uplink

The MD15A is a 1.5U 19" rack mountable "pizza box" type ADSL2+ IP DSLAM with temperature hardening. The system provides 24 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 24 subscribers with one Gigabit copper uplinks. With advanced QoS features, the MD-15A is ideal for next generation broadband networks capable of delivering rich video content, DSL, POTS, and VoIP service over ADSL2+ link. The MD15A 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

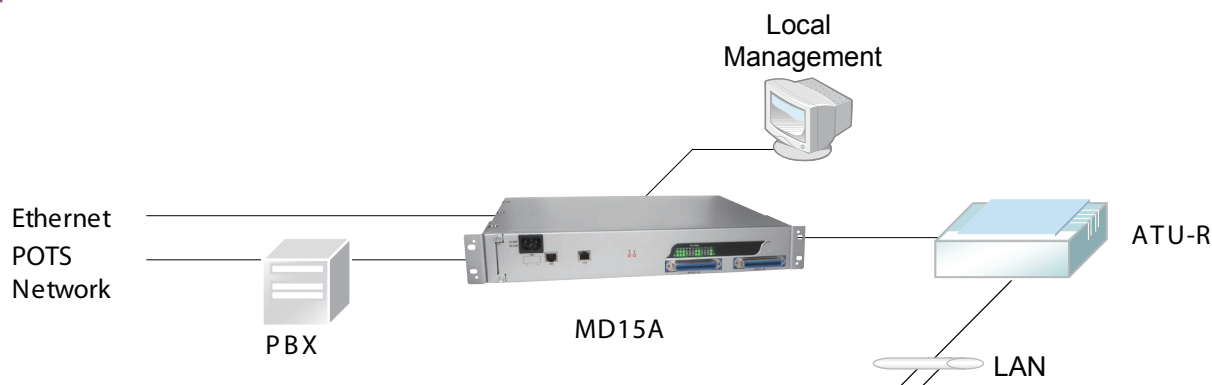
- 24 ports ADSL2/2+ solution in 1.5U chassis
- One copper Gigabit Ethernet uplink design
- Multi-ADSL speed offerings supporting ADSL, ADSL2, ADSL2+ over POTS or ISDN
- Built-in POTS splitters
- Configuration backup and restore via TFTP
- Monitors of line attenuation, noise margin, current rate, second performance data
- Backup firmware partition aids in upgrade failure recovery
- RS-232 serial CLI and separate LAN port for web based management
- NMS/EMS for Multiple nodes management based on SNMP (option)

### Specifications

<b>Network Interface</b>	1x 10/100/1000Base-T
<b>Line Interface</b>	ADSL2/2+/ POTS( G.992.1 .2 .3 .5)
	Ethernet Password Security on console access
	OSI Layer 2 MAC filtering and count limit
<b>Functionality</b>	Access control list (ACL)
	Multicasting support
	Port based and 802.1p/q Tag-based VLAN
	IGMP V1/V2 snooping and proxy
	SNMP V1/V2C
<b>System Configuration</b>	Multiple session Telnet, web based and SNMP Supports point to point VCC link Software remote upgrade
<b>MTBF</b>	50,000 hrs

<b>Alarm and Status</b>	Automatic alarm/LED indication for alarm and system status
<b>Management</b>	Maintenance signal for OAM functionalities. Software remote updates. RS-232 local console interface for basic provisioning plus out-band Ethernet interface for Telnet or Web
<b>Indications</b>	GbE link, RST, ACO, ALM, SYS, DSL Status
<b>Power Input</b>	-42V ~ -56VDC, 100V ~ 240VAC
<b>Power Consumption</b>	130W
<b>Dimensions</b>	265 x 482 x 66 mm (D x W x H)
<b>Weight</b>	3.5kg
<b>Temperature</b>	-40 ~ 65°C (Operating), -40 ~ 70°C (Storage)
<b>Humidity</b>	5 ~ 95% non-condensing
<b>Certification</b>	CE, FCC, RoHS compliant, ITU-T, ETSI

### Application



### Ordering Information

Model Name	Description
MD15A-24A6-AC	1.5 U 19" Rack 24 port Anx A 600Ω AC Power
MD15A-24A6-DC	1.5 U 19" Rack 24 port Anx A 600Ω DC Power

Power Type  
**MD15A – 24A6 –**    
 Example: MD15A – 24A6 – AC