



DSLAM 9024

24 ports ADSL/ADSL2/ADSL2+ IP DSLAM

DSLAM 9024M and DSLAM 9024S



IPDSLAM Combines with ADSL 2/+ multiservice CPE, to provide POTS and integrated VoIP, wireless and rich content application. The stackable design for future expansion is up to 168 ports with a combination of xDSL technology. Service providers can benefit from low initial investment cost by purchasing only the number of ports immediately required, and then upgrade them to additional ports later.

Technical Specifications

Uplink Interface

1 or 2x Fiber WAN(s)

1000 Base-LX (SC connector) - Long Haul, Single Mode

1000 Base-SX (SC connector) - Short Haul, Multi Mode

2x FE (10/100) WANs or 1x GE (1000) WAN(Slave box)

Cascade

6x GE (1000) Subtends to Slaves

DSL

24-port 50-pin RJ-21 champ connector

POTS

24-port 50-pin RJ-21 champ connector

Others

1xRJ45 Console port
1x FE (10/100) MGM for outband management(Master box)
1x output alarm contact(Master box)

ADSL/ADSL2+ Feature

- Backward compatible to TUANSI T1.413, ITU-T G.992.1, (G.dmt) Annex A, ITU-T G.992.2, (G.lite) Annex A, ITU-T G.992.3 (ADSL2) Annex A ITU-T G.992.5 (ADSL2+) Annex A
- Power management defined on G.992.3 and G.992.5
- Upstream 3M Annex M and Long reach DSL for Annex L of G.992.3
- Fast SRA (Fast Seamless Rate Adaptation)
- SELT (Single Ended Line Testing) for ADSL
- DELT (Dual End Loop Testing) for ADSL2
- Annex A
- Annex B

Alarm Status Surveillance

- Automatic alarm and status report
- LED indication for system status

Encapsulation Mode

- RFC 2684 MPoA LLC/VCMUX
- PPPoA to PPPoE conversion

ATM Feature

- 8 PVCs per subscriber line
- End-to-end OAM loopback
- UNI 3.1/4.0 PVC
- VPI(0~255),VCI(0~65535)
- Provide incoimg and outgoing rate limit per PVC

Bridge Feature

- IEEE 802.1p CoS prioritization
- IEEE 802.1Q VLAN support
- IGMP Snooping and 256 multicast group
- 802.1d STP
- GARP/GVRP
- MAC Filter and Classifier
- 4,000 MAC addresses
- Support ICMN request from EMS or management tool
- DHCP Option 82
- Port isolation
- VPN pass-through
- PPPoE packet forwarding
- Link aggregation
- Port mirror

VLAN

- Support IEEE 802.1Q VLAN Tagging, Port-based VLAN, and GVRP

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- Support 512 VLANs concurrently
 - VLAN ID mapping to PVC

QoS

- Support IEEE 802.1p with 4-priority queues

Multicast Feature

- Support IGMP snooping on IGMPv1 and IGMP v2 membership
- Up to 256 Multicast Groups and 256 copies for each Multicast Group
- Broadcast storm control

Management

- TFTP firmware upgrade utility via EMS
- Inband or Outband by single IP management
- Telnet server for remote management
- SNMP enabled for network management function
- SNMP v1.0 & v2C
- Console or Telnet CLI for configuration or status monitor

Operating Environment

Temperature:

Operating conditions: -10 to 65° C(14 to 149° F)

Non-Operating conditions: -10 to 85 °C(14 to 185 °F)

Relative Humidity:10 to 90 %

Regulatory Safety Compliance

EMC

CE: EN550221-1 & EN50082-

Safety

EN60950

Dimensions (w/d/h)

44x28x4.5 cm

Weight:

6Kg

Power Requirement

100-240V AC or -42V~-56V DC

Power Consumption

60 W typical

Company information

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