



Eo Access 2112

(ADSL2+ IP DSLAM)



Eo Access 2112 is a mini-DSLAM, which has one GE copper uplink design, for efficient scalability and easy deployment in access network with small port ADSL requirement. It offers ADSL/ADSL2/ADSL2+ with built-in splitter and delivers advanced IP services, which include QoS, multicast, and subscriber management. The energy-efficient compact enclosure and cost-efficient design fits perfectly with limited rack space of telecommunication curbside cabinet.

Features

Multi-ADSL speed offering

- Supporting ADSL, ADSL2, ADSL2+ via POTS/ISDN user interface

Highly Compact Solution

- Provides 12/24 ports ADSL2/2+, only by 1.5U chassis space
- Built-in splitter for 12/24 ports variety in 1.5U space.
- Last 12/24 ports expanding of 2110 Stackable

Wide Temperature Range

- Operating Temperature: -10°C to 65°C
- Relativity Humidity: 5% to 95% (non-condensing) at 35°C

System Overheating Protection

- FAN alarm indicating if FAN malfunctions
- Temperature monitoring and system overheating trap functionality

Benefits

Scalable with Other Eo Access DSLAM

Eo Access 2112 provide last 12/24 ports expanding, scalable with other Eo Access DSLAM, that allow new revenue to be generated with minimum installation time and expense.

Expanded Revenue Opportunities

Eo Access 2112 offers flexibility to service providers to deliver differentiated services by offering a wide range of multiple DSL connectivity speeds at different prices.

Compact Design for Limited Space

Tailyn Eo Access 2112 occupies only 1.5U of standard Telco rack space. It will easily be fitted in existing Remote Terminals.

High Reliability and Easy Maintenance

Tailyn Eo Access 2112 is equipped with fan and air filter unit, low power requirements plus full diagnostic and alarm reporting capability. SNMP, CLI and Web GUI based powerful, easy-to-use features including remote access and software download that help service providers



Technical Specifications

Interfaces

Network Interface

- 1 x 100/1000 Based-Tx

Subscriber Interface

- 12/24 ports ADSL2+/POTS/ISDN (G.992.1 .2 .3 .5)

Service Characteristics

Ethernet

- Security on console access

OSI Layer 2 Functionality

- MAC filtering and count limit
- Access control list (ACL)
- Multicasting Support
- Broadcast control and broadcast rate limit
- Port-based and 802.1p/q Tag-based virtual local area network (VLAN)
- IGMP v1/v2/v3 snooping and Proxy
- SNMP v1 and v2c
- Remote Statistic (1, 2, 3, 9 groups)

System Configuration

- Multiple-session TELNET
- Supports point-to-point VCC link
- Software Remote upgrade

Performance Monitoring

- Monitors of line attenuation, noise margin, current rate, loss of signal, loss of framing loss of power and error second performance data.
- Provides 15-minute and 1-day counters for history record

Alarm and Status Surveillance

- Automatic alarm/LED indication for alarm and system status
- Maintenance signal for OAM functionality

Network Management

- Memory back-up
- Database export and import functionality
- RS-232 serial
- NMS/EMS for Multiple Nodes Management based on SNMP (option)

Management Information Base (MIB)

- RFC 1213 SNMP MIB II
- RFC 1493 Bridge MIB
- RFC 1643 Ethernet MIB
- RFC 2674 Q MIB
- RFC 1757 RMON MIB, group 1,2,3,9
- ADSL Line MIB

Dimensions

1.5U: 66mm x 482mm x 275mm (H x W x D) for 12 or 24 Ports with splitter built-in or no splitter.

Environmental

- Operating Temperature: -10°C to 65°C
- Operating Humidity: 5% to 95% non-condensing

Power Requirements

- Input: -48 V DC (-42 V to -56 V)
- Input: AC 100 VAC to 240 VAC (option)
- Dual A+B -48 V DC power input terminal

Certification

- ITU-T K.20
- ETSI 300-019, 300-386
- EN 60950
- Conform to CE requirements
- RoHS Compliant