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# ISAP-2100 Series IP based DSLAM (Digital Subscriber Line Access Multiplexer)



The IS AP-2100 Series is an advanced IP based DSLAM that can be used by Service Providers interested to offer broadband multi-service Features.

It enables high bandwidth, high quality data and voice transmission for application such as multimedia and Video streaming, interactive paid TV channels, online gaming, video conferencing, telecommunication, VoIP and distance learning, etc.

## Specifications

### Hardware Features

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- compact design in nearly one RU Height unit
- service capacity Expansion via Units stacking
- two 100/1 000Base Combo Gigabit Ethernet uplink network
- 24/48-ADSL+2 ports or without built-in POTS Sp
- non-blocking switching fabric and wire-speed switching
- on board LEDs for System Status indication
  - dual power supply modes, DC and AC
  - high reliability design
- SELT and DELT Subscriber Loop testing

### **Software Features**

- Subscriber traffic Isolation among ADSL2+ lines
  - Subscriber rate limiting
- Configurable mapping between VLAN tag and ATM PVC RFVC 2684 multi-protocol over
  - QoS F5 fault diagnostic
  - IEEE 802.1 D spanning tree bridging
- IEEE 802.10 VLAN Tagging, IGMP snooping/Proxy, MVR
- IEEE 802.3ad link Aggregation on Network interface
- Windows based and GUI Management system with different
  - Remote system configuration by using Telnet, SNMP V1/V2
  - in-band management channel

### **Gigabit Ethernet Interface**

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- two 100/1000 BAsE Combo Uplink interfaces (electrical)
- the throughput at least 80,000 packets per second for 1518 Bytes packet size
  - Cascading Connection for multi-System applications

### **Standard Compatibility**

- ITU-T Rec.G9921., G.992.2, G.992.3 and G.992.5 with Annex A, G.994.1,