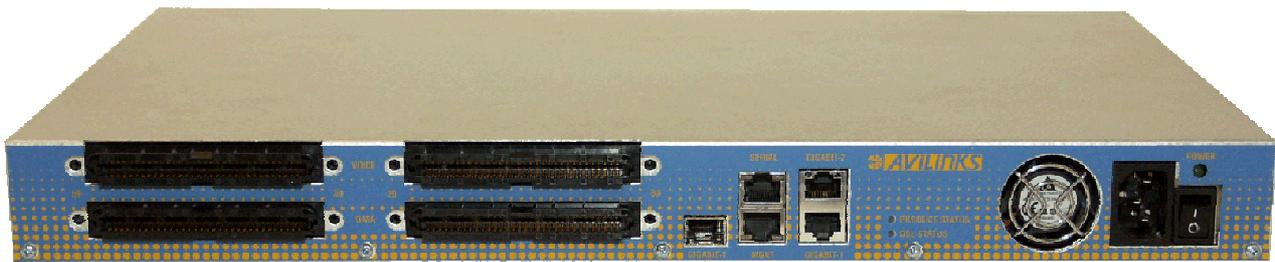


# AVIvid S-A60

## SPECIFICATIONS



### Architecture

- Scalable, non-blocking IP fabric
- Multi Gbps switching
- IGMP v1 & v2 & v3
- 1000 Multicast
- Internal power supply
- Four fans and status LED
- Stackable
- Internal POTS Splitter feature
- Max port density: 60 ADSL2++ ports

### Physical Dimensions

- Size: 1,75" (1U) H x 19" W x 12" D
- 19" Rack and Wall mountable, or Stand Alone
- Weight: 5,6Kg fully loaded
- Full front access, 12" deep including cables

### Power

- AC Input Voltage: 110/230V  
AC 47 to 63 Hz auto ranging
- -48V DC Input Voltage: -40V to -72V
- Max power consumption: 150 W

### Regulatory Compliance

- NEBS Level 3
- Bellcore @
- FCC (Part 15, Class A, Part 68)
- UL (Standards in UL-1459 & UL-1950)
- Canada CSA (C22.2 Nos. 950-M89 & 225-M90)
- Europe CENELEC/ETSI (IEC 555 & 801) TUV, CE

### Environment

- Operating Temperature: 0°C to 50°C
- Relative Humidity: 10% to 90%, non-condensing
- Operating altitude: up to 3,000 meters
- Storage: -40°C to 70°C, 5% to 95% relative humidity
- MTBF: 65,000+ hours
- MTTR: 0.5 hour

### IP Capabilities

- Multi Gbps switching, non-blocking
- Bridging and routing
- Support for IPV4, IPV6@
- Bridging Ethernet to Ethernet and Ethernet to ATM
- Routing and forwarding over ATM, RFC 1483/2684
- 496 VLANs
- 496 Virtual Circuits
- 15,000 MAC addresses
- VLAN 802.1P/Q
- IGMP v1 & v2 & v3 snooping or proxy
- Broadcast and Multicast with internal agent AVIcast™ for IP Multicast management in Video broadcast application
- PPPoE: 120 clients
- DHCP server / relay@ (option 82)
- Per flow WFQ

### ATM Capabilities

- ATM PVC support per ATM UNI 3.1 and 4.0 signalling
- ATM Shaping, support for CBR, VBR-rt, VBR-nrt, GFR & UBR traffic types
- AAL5 data & management transparency
- Configurable VPI/VCI range, up to 480 connections per system
- 8 VP/VC per ADSL port
- Early and partial packet discard
- Intelligent dynamic buffering architecture with per VP/VC queuing

### Management and Services

- 1 Ethernet 100BASE-T port
- 1 Serial port for local craft interface (RJ-45)
- Support for Private and Public MIBs (RFC 1213, 1493, 2933, 3635, 3636)
- CLI through Serial port or Telnet
- Embedded HTTP server for configuration and management from standard Web browser
- SNMP V.1 and V.2 agent
- SSL/SSH encryption for secure management access
- Dual bank Flash memory for software upgrade
- Local and remote self-diagnostic testing

- Software and configuration download without service interruption
- System & Status LEDs
- Alarm & Event history
- Full port configuration
- Login authorization and security levels

### Uplinks

- 2 Gigabit Ethernet 10/100/1000BT ports (RJ-45)
- 1 MiniBIC port for MiniGBIC modules



### Subscriber Links

- 60 ADSL2++ ports DMT cell relay
- Annex A (optional Annexes B & M)
- Two 64-pin CHAMP connectors
- Long Reach ADSL2: rates of 128 kbps up to 21 kft
- ADSL data rates (ITU-T G.992.1)
  - Downstream: 32 kbps to 10 Mbps
  - Upstream: 32 kbps to 1 Mbps
- ADSL G.lite data rates (ITU-T G.992.2)
  - Downstream: 32 kbps to 4 Mbps
  - Upstream: 32 kbps to 1 Mbps
- ADSL2+ data rates (ITU-T G.992.5)
  - Downstream: 32 kbps to 26 Mbps
  - Upstream: 32 kbps to 3 Mbps
- ADSL2++ data rates (optional)
  - Downstream: 32 kbps to 50 Mbps
  - Upstream: 32 kbps to 6 Mbps

### POTS Splitters (option)

- Fully integrated ADSL POTS splitters
- Annex A (optional Annexes B & M)
- Two 64-pin CHAMP connectors for PBX connections
- Meets DC requirements in Annex 1.2 of T.413 Issue 2
- Meets Voice band requirements in Annex 1.3 of T.413 Issue 2
- Meets ADSL band requirements in Annex 1.4 of T.413 Issue 2

*A New Generation  
DSLAM  
fit to your needs*