



— DAS-3324

## 24-Port IP DSLAM

The D-Link DAS-3324 is a 24-port IP-based DSL Access Multiplexer that provides ADSL access to CPE (consumer premise equipment) ADSL modems/routers at the subscribers' side. This DSLAM connects to the network service provider's network through its Ethernet interface. Using the latest ADSL/ADSL2/ADSL2+ technology, this IP DSLAM provides carriers a very cost-effective solution to offer their subscribers with features such as bandwidth management, traffic prioritization and data flow security control.

### Designed for Multi-Unit, Multi-Tenant Buildings

The D-Link DAS-3324 IP DSLAM delivers the next generation of high-performance business and residential DSL services. With the DAS-3324, carriers can offer digital video, high bandwidth Internet access.

### 48 ADSL Ports With Built-in Splitters

The DAS-3324 IP DSLAM provides 24 ADSL port connections, plus built-in ADSL/POTS splitter per port (24 ADSL ports via RJ-21 (Telco-50) connectors, plus 24 splitter ports through another RJ-21 (Telco-50) connectors). A 1000BASE-T or 1000BASE-LX Gigabit uplink connects the DAS-3324 to the carrier's network.

### VLAN Support for Enhanced Security

The DAS-3324 IP-DSLAM supports 802.1Q Tagged VLAN to provide complete subscriber isolation and enhance the ADSL network performance.

### Versatile Management

Up to 8 DAS-3324 can be cascaded and managed as one single unit. With the local RS-232 and Ethernet management port, plus inband SNMP/TELNET channel, the DAS-3324 provides local and remote management capabilities using a Command Line Interface (CLI), SNMP and Telnet. In addition, SNMP based GUI EMS system provides service providers with low-cost, high-value central management capability of the DAS-3324.

### Complete ADSL Solution

With the DAS-3324 IP-DSLAM, D-Link provides service providers with a complete ADSL service solution. This IP DSLAM integrates and operates seamlessly with D-Link's extensive range of ADSL modems and routers Customer Premise Equipment (CPE).

## Product Function & Features

### Cost Saving Solution for Service Providers

- 24 ADSL/ADSL2/ADSL2+ subscriber interface ports
- 1000BASE-T and fiber Gigabit uplinks to carriers' backbones
- Built in POTS splitter per port
- Easy expansion: low-profile rack-mount boxes can be cascaded to maximum 8 units and managed as one single entity

### Flexible and Secure Configuration/Management

- SNMP-based EMS
- Local RS-232 out-of-band CLI and remote in-band
- SNMP/TELNET management
- 3-levels of user privilege system management
- SNMP v1, v2c support
- Firmware upload/download via FTP or TFTP

### Advanced Functions for Broadband Service Offering

- IGMP snooping
- Up to 8 VCs, 128 MAC addresses per DSL port
- Up to 64 x 128 MAC addresses, 2K Multicast MAC addresses per DAS-3248 device
- Up to 512 VLANs (any value in 4096)
- Static VLAN and port-based VLAN support
- Configurable packet size (64 to 1536 bytes)
- Security functions: VLAN filtering, MAC filtering, IP filtering, MAC-based and IP-based Access Control List (ACL)
- 802.1d Spanning Tree for redundant backup bridge paths
- 802.1p traffic prioritization for QoS
- MAC-based and IP-based rate limiting
- 802.3ad link aggregation

\* Functions available in future firmware upgrade.

