



— DSL-310

DSL-310 v.A1 ADSL modem. Connection to the host is through a Fast Ethernet interface. ➔

ADSL Modem With Fast Ethernet Interface

This ADSL modem provides simple and quick connection to an ADSL broadband line. It provides 10/100BASE-TX connection to an Ethernet supported computer or network device (such as a router). With speed support of up to 8Mbps, a wide range of compatibility, easy installation and a tiny price tag, this modem takes your Internet and WAN connection to a new level of convenience and simplicity.

Up to 8Mbps Speed

The ADSL modem features ANSI T1.413 issue 2, G.dmt modulation for speeds of up to 8Mbps downstream and 1 Mbps upstream. G.lite is also supported, allowing up to 1.5Mbps downstream and 512Kbps upstream. G.lite is sufficient for most Internet applications today, and has the advantage of not requiring the installation of a splitter at the subscriber end. The modem auto-senses the connection type and auto-negotiates the best modulation scheme, G.dmt or G.lite using the G.hs (handshake) protocol.

Uses Existing Telephone Line

Your ADSL modem operates over the existing telephone wire and does not require any new transmission media. The modem makes possible high-speed multimedia services, Internet access, and video conferencing for you, using a standard copper phone line.

"Always-on" or Dial-up Connection to ISP

This ADSL modem supports both "always on" and dial-up connections to ISP. "Always-on" eliminates the need to dial to ISP and is ideal for applications like IP telephony. Dial-up connection lets you save ISP charge, it allows you to disconnect from the Internet when you don't need to use it.

Features

- Up to 8Mbps high performance
- Fully compliant with T1.413 issue 2, G.992.1 (G.dmt) Annex A, G.992.2 (G.lite) Annex A
- G.994.1 (G.hs) auto-handshake for different ADSL flavors
- Connects to host through 10/100BASE-TX Ethernet port
- WAN modes supported: PPP over ATM, PPP over Ethernet
- LAN modes supported: bridge/routed Ethernet over ATM, classical IP over ATM
- Supports bridged Ethernet over ATM
- Tone detection for low power mode
- Supports up to 8 simultaneous virtual connections (PVC) for a single ADSL account
- Interoperates with a wide range of DSLAM
- Web-based user interface for configuration and management
- Built-in MIBs for SNMP management
- OS independent

DSL-310 (v. A1)

Technical Specifications

ADSL Modem

ADSL Standards

- ANSI T1.413 issue 2 (full rate DMT over analog POTS)
- ITU G.992.1 (G.dmt) Annex A
- ITU G.992.2 (G.lite) Annex A
- ITU G.994.1 (G.hs)

Data Rates

- G.dmt, downstream: up to 8 Mbps
- G.dmt, upstream: up to 1 Mbps
- G.lite, downstream: up to 1.5 Mbps
- G.lite, upstream: up to 512 Kbps

Support Protocols

- WAN modes: PPP over ATM (RFC 2364), PPP over Ethernet (RFC 2516)
- LAN modes: bridge/routed Ethernet over ATM (RFC 2684/1483), classical IP over ATM (RFC 2225/1577)

Device Ports

- To phone line: RJ-11 port
- To computer host: 10/100BASE-TX port

Memory

- 8MB SDRAM
- 2 MB flash

LED Indicators

- Power
- Status
- Ethernet Link/Act
- ADSL Link/Act

Physical & Environmental

Power Supply

Through external 9V, 1A AC power adapter

Dimensions

108.79 (W) x 142 (D) x 31 (H) mm

Operating Temperature

0 ° to 40 °C

Storage Temperature

-25° to 60 °C

Operating Humidity

10% to 95% non-condensing

EMI Certification

- FCC Class B
- CE Class B
- A-Tick

Safety

- UL
- CB
- LVD



Ordering Information

ADSL Modem

DSL-310 (v.A1) 10/100BASE-TX Ethernet interface to host

Please specify your order as follows:

DSL-310/A	with US power adapter, standard RJ-11 cable
DSL-310/E	with Europe power adapter, standard RJ-11 cable
DSL-310/N	with Australia power adapter, standard RJ-11 cable
DSL-310/CN	with Australia power adapter, standard RJ-11 cable

To select the ADSL modem that works best with your service provider, please consult your nearest D-Link representative or distributor/reseller.

D-Link®

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U.S.A	TEL: 1-949-788-0805	FAX: 1-949-753-7033
Canada	TEL: 1-905-8295033	FAX: 1-905-8295095
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Benelux	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-22-309075	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Japan	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
China	TEL: 86-10-8518-2533	FAX: 86-10-8518-2250
India	TEL: 91-22-652-6696	FAX: 91-22-652-8914
Middle East	TEL: 9714-8834234	FAX: 9714-8834394
Turkey	TEL: 90-212-335-2553	FAX: 90-212-335-2500
Chile	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-3094-2910	FAX: 55-11-3094-2921
South Africa	TEL: 27(0)1266-52165	FAX: 27(0)1266-52186
Russia	TEL: 7-095-737-3389	FAX: 7-095-737-3390
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
D-Link Corp.	TEL: 886-2-2916-1600	FAX: 886-2-2914-6299



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