

Up to 100x Faster Than Dial-Up Modems



- User Friendly
- Plug & Play Installation
- USB / Ethernet Connectivity
- High-Speed Internet Access

DCM-201



High-Speed Cable Modem



The D-Link DCM-201 Cable Modem is a two-way DOCSIS™ 1.1 CableLabs® compliant Ethernet 10/100Mbps Cable Modem enabling you to enjoy the benefits of a high-speed broadband Internet connection. The DCM-201 connects to your computer's Ethernet port or card via its Ethernet or USB port.

The DCM-201 provides intelligent IP allocation management which can be configured to work on a Static or DHCP (Dynamic Host Configuration Protocol) network. For security, the DCM-201 provides 56-bit DES (Data Encryption Standard) to encrypt data transactions for both upstream and downstream transmissions.

The DCM-201 has a maximum downloading speed at 38Mbps (256 QAM) and a maximum uploading speed at 10Mbps (16 QAM). The DCM-201 uses the Reed-Solomon error correction method for data packet integrity. For SNMP remote management, the DCM-201 uses MIB II and MCNS MIB. It displays five easy-to-read LED indicators to show the connection status of the DCM-201 cable modem.

The DCM-201 is easy to install and is compatible with Windows 95, 98/98SE, Me, NT4, 2000, XP, Mac OS, Unix and other popular operating systems. (Windows 95/98/98SE, NT4, Mac OS, Unix and other popular operating systems will work with the Ethernet port only).

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High-Speed Cable Modem



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SPECIFICATIONS

Standards

- MCNS/DOCSIS 1.1 compliant
- 802.3 10/100Mbps

Dimensions

- 142 x 120 x 30mm
(4.7 x 5.6 x 1.2 inches)

Data Speed

(Downstream - Receiver)

- Modulation: 64QAM, 256QAM
- Error Correction: Reed-Solomon
- Frequency Range: 91-857MHz
- Input Signal Level:
-15dBmV to +15dBmV
- Total Input Power:
(40-900MHz) 30dbmV
- Input Impedance: 75ohms
- Input Return Loss: 6dB
- Downstream Protocol: ITU J.83-B
with a subset interleave mode

(Upstream - Transmitter)

- Modulation: QPSK, 16QAM
- Error Correction: Reed-Solomon
- Frequency Range: 5-42MHz
- MAC Protocol: MCNS, DOCSIS
1.1 Compliant
- Output Signal Level:
+8 to +55dBmV (16QAM)
+8 to +58dBmV (QPSK)
- Output Impedance: 75ohms
- Output Return Loss: >6dB
- Symbol Rate Accuracy: +/- 50ppm
- Channel Freq Accuracy: +/-
50ppm
- Symbol Timing Jitter: <0.02 of the
nominal symbol duration over a
2-second period

Power Consumption

- 8W

Interface

- CPE Interface - 10/100Mbps
(RJ-45)
- RF Interface - F- Type Female
75ohm connector
- USB Interface - USB 1.1
compliant, Type B receptacle

Diagnostic LEDs

- Power
- Cable
- Status
- Ethernet
- USB

Supported OS

- Windows ME/XP/2000
- Windows 98/98se (Ethernet only)
- Win NT 4.0 (Ethernet only)
- Windows 95 (Ethernet only)
- Mac OS (Ethernet only)
- Unix/Linux (Ethernet only)

Temperature

- Operating Temperature:
32°F to 104°F (0°C to 40°C)
- Storage Temperature:
-4°F to 140°F (-20°C to 60°C)

Operating Humidity

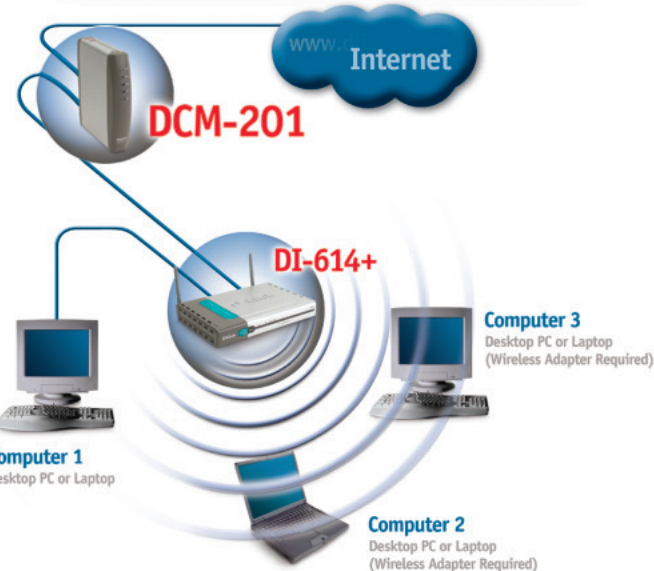
- Non-condensing 10% to 90%

Emissions

- FCC part 15, class B

Safety

- UL



The DCM-201 is a two-way DOCSIS 1.1 CableLabs® compliant High Speed Cable Modem. The DCM-201 provides high-speed Internet access over a cable network and can connect to a computer via an Ethernet Adapter or through a USB port.

The DCM-201 is easy to install and is compatible with windows 95, 98/98SE, ME, NT4, 2000, XP, Mac OS, Unix and other popular operating systems.



D-Link Systems, Inc. 53 Discovery Drive Irvine CA 92618 www.dlink.com

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