

# **D-Link**

## **Product Specification**

**Product Name:** D-Link DCM-200

**Model:** DCM-200

### **Description:**

The DCM-200 is a two-way DOCSIS 1.0 CableLabs certified Ethernet 10BaseT Cable Modem. The DCM-200 provides high-speed Internet access over a cable network and can connect to a computer via its Ethernet or USB port, which connects to an Ethernet card in a PC or a Laptop. The DCM-200 provides intelligent IP allocation management, which can be configured to work on a Static or DHCP (Dynamic Host Configuration Protocol) network. For security purposes, the DCM-200 provides 56-bit DES (Data Encryption Standard) to encrypt data transaction for both upstream and downstream transmission.

The DCM-200 has a maximum downloading speed at 42.88Mbps (256 QAM) and a maximum uploading speed at 10.2Mbps (16 QAM). The DCM-200 uses the Reed-Solomon error correction method for data packet integrity. For SNMP remote management, the DCM-200 uses MIB II and MCNS MIB. It also comes with four easy to read LED indicators to show the connection status of the DCM-200 cable modem.

The DCM-200 is easy to install and is compatible with Windows 95, 98/98 SE, ME, NT4, 2000, Mac OS, Unix and other popular operating systems.

### **Technical Specifications:**

#### **Standards:**

- MCNS/DOCSIS 1.0 Compliant
- IEEE 802.3 10BASE-T

#### **Security:**

- 56-bit DES (Data Encryption Standard) encryption and decryption support.

#### **Dimensions:**

- 8.69”(W) x 6.63”(D) x 1.44”(H)

**Data Speed:**

(Downstream – Receiver)

- Demodulation 64QAM, 256QAM
- Physical Speed 30.342Mbps (64QAM)  
42.88Mbps (256QAM)
- Error Correction Reed-Solomon
- Frequency Range 91MHz-860MHz
- Input Signal Level -15dBmV to +15dBmV

(Upstream – Transmitter)

- Modulation QPSK, 16QAM
- Physical Speed 0.3 to 5.1Mbps (QPSK)  
0.6 to 10.2Mbps (16QAM)
- Error Correction Reed-Solomon
- Frequency Range 5MHz to 42MHz
- MAC Protocol MCNS, DOCSIS 1.0 Compliant
- Output Signal Level +8 to +55dBmV (16QAM)  
+8 to +58dBmV (QPSK)

**Power Supply:**

- AC-to-DC power adapter (provide)
- DC Input: 12VDC/1A

**Power Consumption:**

- 12W (maximum)

**Interface:**

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

**Diagnostic LEDs:**

- Power
- Link
- Activity
- Status

**Supported OS:**

- Windows 95 (Ethernet only)
- Windows 98/98 SE
- Windows 2000
- Windows ME
- Windows NT4.0 (Ethernet Only)
- Mac OS (Ethernet Only)
- Unix (Ethernet Only)
- Linux (Ethernet Only)

**Temperature:**

- Operating 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
- BSMI class B

**Safety:**

- CUL
- UL
- TUV
- GS