

## DCM-200

### USB / Ethernet 10BaseT Cable Modem

Provides High-Speed Internet Access over a Cable Network and an Connect to a Computer Via its Ethernet or USB Port

The DCM-200 is a two-way DOCSIS™ 1.0 CableLabs® Certified™ and Excite@Home® approved 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, XP, Mac OS, Unix and other popular operating systems.

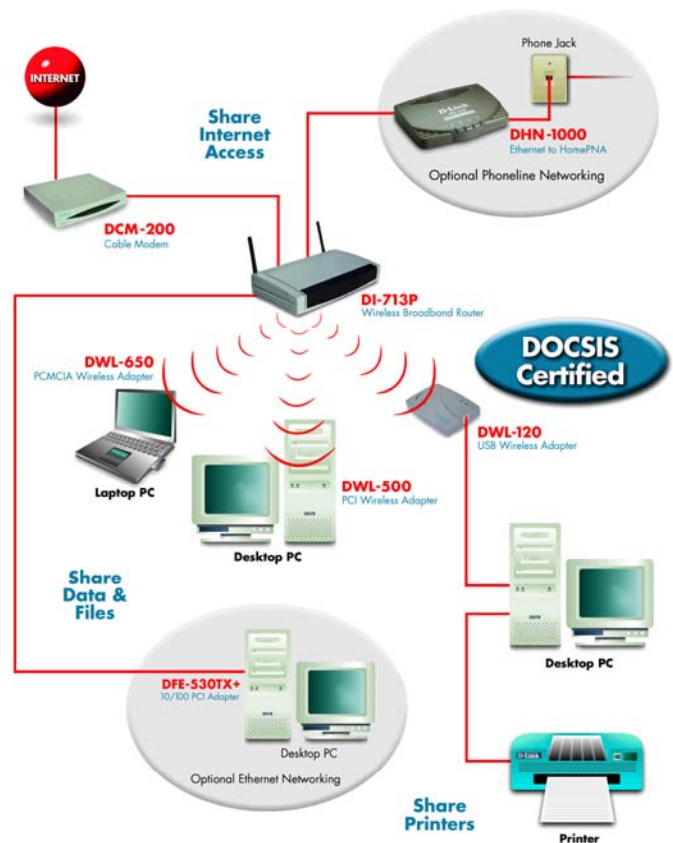
Note: Windows 95, NT4, Mac OS, Unix and other popular operating systems will work with Ethernet port only.

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Technical Specifications	
<b>Standards</b>	<ul style="list-style-type: none"><li>● @ Home Approved</li><li>● MCNS/DOCSIS™ 1.0 Compliant</li><li>● IEEE 802.3 10BASE-T</li></ul>
<b>Security</b>	56-bit DES (Data Encryption Standard) encryption and decryption support.
<b>Dimensions</b>	8.69"(W) x 6.63"(D) x 1.44"(H)
<b>Data Speed</b>	<p><b>(Downstream - Receiver)</b></p> <ul style="list-style-type: none"><li>● Demodulation 64QAM, 256QAM</li><li>● Physical Speed 30.342Mbps (64QAM) 42.88Mbps (256QAM)</li><li>● Error Correction Reed-Solomon</li><li>● Frequency Range 91MHz-860MHz</li><li>● Input Signal Level -15dBmV to +15dBmV</li></ul> <p><b>(Upstream - Transmitter)</b></p> <ul style="list-style-type: none"><li>● Modulation QPSK, 16QAM</li><li>● Physical Speed 0.3 to 5.1Mbps (QPSK) 0.6 to 10.2Mbps (16QAM)</li><li>● Error Correction Reed-Solomon</li><li>● Frequency Range 5MHz to 42MHz</li><li>● MAC Protocol MCNS, DOCSIS™ 1.0 Compliant</li><li>● Output Signal Level +8 to +55dBmV (16QAM) +8 to +58dBmV (QPSK)</li></ul>
<b>Power Supply</b>	<ul style="list-style-type: none"><li>● AC-to-DC power adapter (provide)</li><li>● DC Input: 12VDC/1A</li></ul>
<b>Power Consumption</b>	12W (maximum)
<b>Interface</b>	<ul style="list-style-type: none"><li>● CPE Interface - 10BaseT (RJ-45)</li><li>● RF Interface - F-Type Female 75ohm connector</li><li>● USB Interface - USB 1.1 compliant, Type B receptacle</li></ul>
<b>Diagnostic LEDs</b>	<ul style="list-style-type: none"><li>● Power</li><li>● Link</li><li>● Activity</li><li>● Status</li></ul>
<b>Supported OS</b>	<ul style="list-style-type: none"><li>● Windows XP</li><li>● Windows 2000</li><li>● Windows ME</li><li>● Windows 98/98 SE</li><li>● Windows NT4.0 (Ethernet Only)</li><li>● Windows 95 (Ethernet only)</li><li>● Mac OS (Ethernet Only)</li><li>● Unix (Ethernet Only)</li><li>● Linux (Ethernet Only)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>● Operating Temperature: 32°F to 104°F (0°C to 40°C)</li><li>● Storage Temperature: -4°F to 140°F (-20°C to 60°C)</li></ul>
<b>Operating Humidity</b>	Non-condensing 10% to 90%
<b>Emissions</b>	<ul style="list-style-type: none"><li>● FCC part 15, class B</li><li>● BSMI class B</li></ul>
<b>Safety</b>	<ul style="list-style-type: none"><li>● CUL</li><li>● UL</li><li>● TUV</li><li>● GS</li></ul>
<b>Warranty</b>	<ul style="list-style-type: none"><li>● 1 Year</li></ul>

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