WIRELESS N VOIP CABLE MODEM

HIGH-SPEED INTERNET
Latest DOCSIS/EuroDOCSIS 3.0 standards provide transmission speeds of up to 320Mbps downstream, 160Mbps upstream

2 INTERNET PHONE CONNECTIONS
2 DOCSIS CableLabs™ certified FXS phone ports for 2 simultaneous Internet phone connections

FAST WIRELESS N AND GIGABIT
Wireless-N delivers exceptional range and speed while 4 Gigabit Ethernet ports deliver ultra-fast wired networking

ULTIMATE PERFORMANCE
Powered by DOCSIS/EuroDOCSIS 3.0 channel bonding bandwidth technology, the DCM-704B Wireless N VoIP Cable Modem increases download speeds by up to 8 times when compared with DOCSIS/EuroDOCSIS 2.0. This guarantees your uninterrupted enjoyment of popular Internet applications, such as file sharing, audio and video streaming, Internet TV and website uploading.

DOCSIS/EURODOCSIS 3.0 COMPATIBILITY
The DCM-704B Wireless N VoIP Cable Modem makes your broadband connection more efficient and effective by clearing network congestion, resulting in a boost in download speeds. With the DCM-704B, you will get more out of your broadband connection due to increased bandwidth and enhanced performance. The DCM-704B is DOCSIS/EuroDOCSIS 3.0 CableLabs Certified, which ensures compatibility with all DOCSIS compatible cable providers. This cable modem is also backwards compatible with DOCSIS/EuroDOCSIS 2.0/1.1/1.0 standards.

INTEGRATED HOME SERVICES
The DOCSIS/EuroDOCSIS 3.0 standard provides speeds fast enough to support the integration of services such as digital television and video on demand in your home. DOCSIS/EuroDOCSIS 3.0 provides users with a more complete technology for home entertainment and communication.
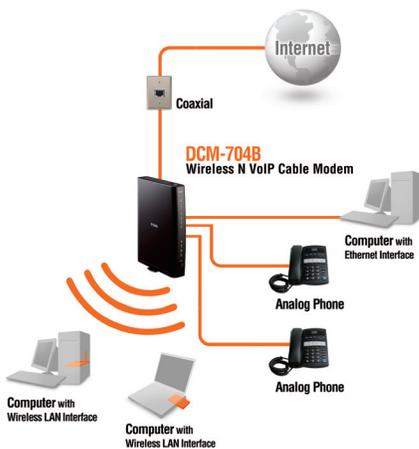
WHAT THIS PRODUCT DOES

The DCM-704B Wireless N VoIP Cable Modem delivers state-of-the-art performance for both home and small business networks. The DCM-704B provides wired and wireless connections for rapid data transfers, VoIP, Real Time HD media streaming, gaming and maximum Internet bandwidth. Equipped with four Gigabit Ethernet ports allowing for maximum wired speeds, this modem is an ideal solution for home or small business networking with multiple computers and network enabled devices running several applications at the same time.

GET CONNECTED, STAY CONNECTED

The DCM-704B offers Ethernet connectivity and is DOCSIS/EuroDOCSIS CableLabs certified. Connect with confidence to a certified cable Internet provider using the DCM-704B Wireless N VoIP Cable Modem and enjoy a new and enhanced broadband experience.

YOUR NETWORK SETUP

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES
- LAN: Four 10/100/1000 Mbps auto-sensing MDIX, Auto Uplink™ RJ-45 ports
- WAN Port: Coax F Connector
- Wireless: 802.11n in 2.4 GHz band, access point auto rate capable
- FXS for analog phones (2 lines)
- USB Host - 1 Port

SYSTEM REQUIREMENTS
- 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer
- DOCSIS/EuroDOCSIS 3.0 or earlier
- Internet service
- PacketCable / EuroPacketCable 1.5 or earlier or SIP VoIP signaling
- Microsoft Windows XP/Vista/7, Mac OS X, Linux, or another operating system running a TCP/IP network
- Microsoft® Internet Explorer 6.0, Safari, Firefox, Opera, or Chrome

STANDARDS COMPLIANCE
- DOCSIS 3.0, EuroDOCSIS 3.0, backwards compatible with CMTS based on: DOCSIS 2.0, EuroDOCSIS 2.0, DOCSIS 1.1

VOICE
- PacketCable™ & EuroPacketCable™ 1.5
- Voice Features: Caller ID, call hold, transfer, forwarding, return, conference, redial, speed dial, anonymous call, voicemail, power saving
- Codecs: AMR, BV-16, G.711, G723.1, G.726, G,728 G729a, G.722, G.168, iLBC, T.38 Fax relay
- Signaling: MGCP & SIP

NETWORKING PROTOCOLS
- Application Layer
  - DHCP, DNS (Proxy & Dynamic), HTTP, RTP, SSH, TFTP, Passes UPnP
- Transport Layer
  - RSVP, TCP, TFTP, UDPv4, UDPv6
- Network Layer
  - ARP, ICMP, IGMP, IPv4, IPv6, IPv6 client/ server/relay, IPv6CP, IP fragmentation and reassembly, RIPv1, RIPv2, NAT/PAT, RT QoS
- Data Link Layer
  - Half Bridging, Bridging, PPP, IPSec & VPN Pass-through, Static Routing, Port Forwarding, 802.1d, Spanning Tree
- Physical Layer
  - Ethernet: 10BaseT/100BaseT /1000BaseT

MANAGEMENT SPECIFICATIONS
- Advanced Settings: Wireless, Port Forwarding, Port Triggering
- Event Logs, Trusted User
- Maintenance: Status, Attached Devices, Backups, Set Password, Software Upgrades
- Network Time Protocol
- RF Interface IB
- Setup: LAN, DNS, Static Routes
- Smart Setup Wizard
- Syslog
- Telnet

WI-FI FEATURES
- 802.1x
- Disable SSID broadcast
- Disable Wi-Fi Radio
- MAC address Access Control
- Multiple SSIDs
- Push 'N Connect Wi-Fi Protected Setup™ with PIN or push button
- SID to SSID QoS mapping
- Turn Wi-Fi on or off with software
- WEP 64/128 bit
- WMM-QoS & UAPSD
- WPA2, WPA2-PSK
- WPS: Wi-Fi Protected Setup

SECURITY
- Firewall: Stateful packet inspection (SPI), intrusion logging and reporting
- DHCP client on WAN
- DMZ
- Domain & URL Filtering

HTTPS
- IP Address Assignment: Static IP address assignment, internal DHCP server on LAN
- Mode of operation: Port and Network
- Address Translation (NAT), static routing
- NAT traversal (VPN pass-through) for IPSec, PPTP and L2TP VPNs
- Parental Control

DIMENSIONS
- 167 x 36 x 220 mm (6.6 x 1.4 x 8.7 in)

WEIGHT
- 0.31 kg (.68 lb)

FRONT PANEL LEDS
- Cable upstream & downstream
- Internet & Power
- LAN 1/2/3/4, Voice 1/2
- Wi-Fi, WPS

CERTIFICATIONS
- CE
- FCC
- UL
- C-TICK
- A-TICK

POWER
- Adapter: 12V DC, 1.5A; plug is localized to country of sale
- Input Power: 30W
- On/Off button

PACKAGE CONTENTS
- Ethernet cable - RJ45
- Phone cable - RJ11
- Power supply
- CD-ROM with Manual and Quick Installation Guide

BROADBAND

WIRELESS N VOIP CABLE MODEM

DCM-704B