



Dual-Band



Music Streaming



Works with Smart TVs



Video & Gaming

CV-7438nDM

N600 Universal Dual-Band Wi-Fi Bridge for Smart TV, Blu-ray, Gaming & Music Streaming

With usage of internet video exploding and sales of wireless-enabled products steadily growing, the demand of home networks is more than ever before especially for home entertainment including HD video viewing, music streaming and online gaming. Edimax CV-7438nDM N600 Universal Dual-Band Wi-Fi Bridge, an ideal solution for home entertainment, features a high-speed wireless connection to convert your Ethernet-enabled devices to be wireless, and a dual-band option (either the 2.4 or 5 GHz radio bands) to avoid interference with other devices. Additionally, CV-7438nDM is designed with an audio jack which enables the music streaming directly by exiting audio speakers from the apps of PCs or smartphones.

Convert Wired Ethernet to Wireless

Eliminates annoying cables



Plug & Play with no CD required

Hardware WPS button for easy one-touch setup



Universal Compatibility

Supports two simultaneous connections and works with any Ethernet device, including smart TVs, Blu-ray /DVD players, game consoles, DVRs and set-top boxes



Music Streaming

Wireless music streaming to your audio system



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FEATURES

Upgrade to 5GHz for HD video streaming

Converts any wired LAN device to wireless and complies with wireless IEEE 802.11a/b/g/n standards for data rates up to 300Mbps (2.4GHz 300Mbps or 5GHz 300Mbps). The CV-7438nDM dual-band wireless bridge is also an ideal solution to upgrade your existing, slow and out-dated 54Mbps 11b/g devices to super-fast 300Mbps 802.11n speeds. Upgrade your PS3, Xbox or other game console and connect to your existing Wi-Fi router for high performance, stable and robust wireless connectivity.

Support for two devices

Equipped with 2 LAN ports to provide Wi-Fi connectivity for two devices simultaneously. Connect smart TVs, Blu-ray/DVD players, DVRs, PCs, set-top boxes, game consoles or any Ethernet-cable device to your Wi-Fi network. Say goodbye to unsightly, inconvenient cables and enjoy HD video & high-quality digital audio streaming in style.

Wireless music streaming to your audio system

Features a standard 3.5mm audio jack to connect to your speakers or home theater system - listen to your iPhone®, iPad® or iTunes® music library wirelessly from your living room or any audio system around your home.

WPS hardware button

A built-in Wi-Fi Protected Setup (WPS) button allows for easy integration into existing home wireless network environments. Simply press the WPS button on both the CV-7428nDM and your home wireless router to establish a quick, easy and secure wireless connection.

Smart iQ Setup

Setup couldn't be easier with our user-friendly, browser-based iQ Setup. iQ Setup can run from any browser on a smartphone, tablet or computer and ensures a smart, automated process to get your Wi-Fi bridge running efficiently. Simply select the 2.4GHz or 5GHz network you want to connect to and follow the on-screen instructions to complete setup with a few easy clicks.

Energy saving power on/off switch

Switch off the Wi-Fi bridge when it's not in use and contribute to a greener environment.

Gigabit Ethernet port

The CV-7438nDM is equipped with a super-fast Gigabit Ethernet port (1000Mbps) to connect to Gigabit devices for the fastest possible wired transfer speeds.

WPA/WPA2 advanced wireless encryption

Supports various wireless encryptions protocols, including WEP 64/128 bit, WPA and WPA2.



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Application Diagram

Bridges Wired Internet Devices

The Wi-Fi bridge offers a wireless connection to wired devices, allowing even Ethernet-only devices to go online wirelessly.



Suitable for Home Theatres

The CV-7438nDM connects to a home theatre system via a standard 3.5mm audio jack – stream music wirelessly from your smartphone, tablet or PC to your home entertainment/speaker system.



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Product Specifications

Features

- Wireless music streaming
- HDTV video streaming
- Enjoy Internet video, music and online games
- Play music anywhere

Frequency Band

- 2.4GHz
- 5GHz

Wireless Standards and Data Rates

- IEEE 802.11a/n (up to 300Mbps)
- IEEE 802.11b/g/n (up to 300Mbps)

Audio sample rate and resolution

- DAC Signal-to-Noise Ratio (SNR) up to 100dB
- Analog playback
44.1K/48K/88.2K/96K/176.4K/192K Hz @ 16-bit/24-bit audio file

Hardware Interface

- 2 x RJ-45 LAN ports (1 x Gigabit)
- Status LED indicators
- Internal high power antenna
- WPS/Reset button
- 3.5mm audio jack
- Power on/off switch
- Power jack

Management

- 11-language user interface
- Upgradable firmware

Security

- 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
- 802.1x authentication
- Wi-Fi Protected Setup (WPS)

System Requirements

- Internet/Smart TV or any Ethernet-enabled device
- Existing wireless home network (2.4GHz or 5GHz)
- Device with web browser for software configuration: Microsoft® Internet Explorer® 8.0, Google Chrome®, Firefox® or Safari®, iOS, Android latest version
- Speaker with 3.5mm audio jack for music streaming

Package Contents

- CV-7428nDM
- Quick Installation Guide (QIG)
- CD with multi-language QIG and user manual
- RJ45 Ethernet Cable
- DC 5V 1.2A power adapter with power cable
- Access Key card

Installation

- Multi-language iQ Setup (browser interface)
- Hardware WPS button

Humidity & Temperature

- 10-90% (Non-condensing)
- 0-40°C (32 - 104°F)

Power Adapter

- DC 5V 1.2A switching power adapter

Antenna

- 2 x internal high-power 5dBi gain antenna

Dimensions

- 95 (H) x 97 (W) x 100 (D) mm

Weight

- 250 g

Certifications

- CE, FCC

Product Appearance

