



Work with Smart TV



Internet Video



Music



Gaming

CV-7428nS

N300 Universal Wi-Fi Bridge for Smart TV, Blu-ray and Gaming

Convert Wired Ethernet to Wireless

Eliminates annoying cables



Universal Compatibility

Works with any Ethernet-enabled device, including smart TVs, Blu-ray /DVD players, game consoles, DVRs, Set-top boxes



Plug & Play

Hardware WPS button for easy one-touch setup



Home Entertainment

Wi-Fi bridge for up to 5 devices



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Features:

Wireless 11n speed

Complies with wireless IEEE 802.11b/g/n standards, with data rates up to 300Mbps. Converts wired LAN to wireless, and may also upgrade existing low-speed 802.11b/g devices to faster 802.11n speeds.

Supports multiple devices

Equipped with five 10/100Mbps Ethernet ports, to connect to devices such as smart TVs, Blu-ray/DVD players, game consoles, DVRs, PCs, and set-top boxes.

WPS hardware button

Hardware WPS (Wi-Fi Protected Setup) button allows easy installation into existing home wireless networking environments. Simply press the WPS button on the device and the home wireless router.

Smart iQ Setup

Features user-friendly browser-based iQ Setup for smart, automatic and quick installation. Previously problematic settings can be completed with just a few clicks.

WPA/WPA2 advanced wireless encryption

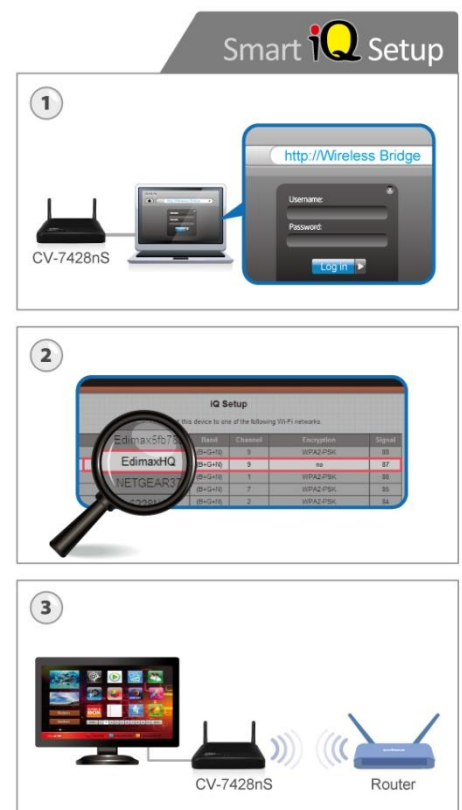
Supports various wireless encryption protocols, including WEP 64/128 bit, WPA and WPA2.

Green and energy-saving

Supports IEEE802.3az Energy Efficient Ethernet (EEE) and implements wireless green technology, which can reduce power consumption by 40% to 80%, by adjusting power to wired and wireless connections depending on usage.

External antenna with longer wireless distances

Equipped with external dipole antennas for better wireless transmission range and coverage. The device can be placed in a living room far away from the wireless router, yet still provide smooth Internet video and online gaming experiences.



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Application Diagrams

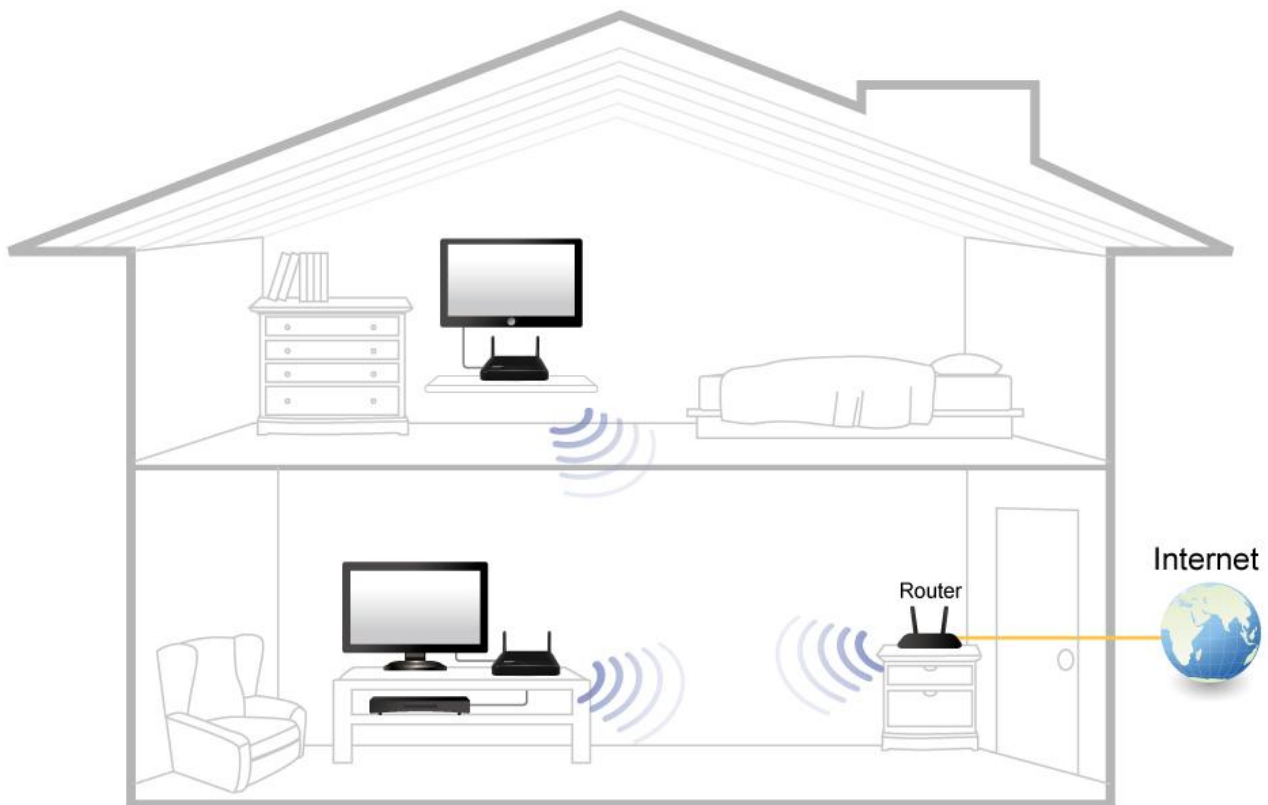
Bridges Wired Internet Devices

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



Suitable for Home Environments

The wide operating range of the device means it can be installed away from the wireless router or access point, yet still provide wireless connectivity to attached devices.



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Product Specifications

Features

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

Frequency Band

- 2.4 GHz
(Industrial Scientific Medical Band)

Wireless Standards and Data Rates

- IEEE 802.11n (up to 300Mbps)
- IEEE 802.11g (up to 54Mbps)
- IEEE 802.11b (up to 11Mbps)

Hardware Interface

- 5 x RJ-45 LAN port
- LED Indicators: Power, Wireless, LAN ports.
- External antennas
- WPS/Reset button
- Power jack

Management

- 12-language user interface
- Upgradable firmware

Security

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

System Requirements

- TV, (Blu-ray) DVD player, NAS or other devices with Ethernet port
- Existing wireless home network
- Computer with Ethernet port and Web Browser for software configuration (Internet Explorer 7 or above, Google Chrome, Firefox, Safari latest version)

Package Content

- CV-7428nS device
- Quick Install Guide
- CD with multi-language QIG and User Manual
- One RJ45 Ethernet 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 1A switching power adapter

Antenna

- 2 x 2dBi external antennas

Dimensions

- 30(H) x 127(W) x 96(D) mm

Weight

- 155 grams (0.34 lb)

Certifications

- CE, FCC

Product Appearance

