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› [ViewSonic](#) /

› [ViewSonic VB-WIFI-004 Dual Band WiFi 6 USB Adapter User Manual](#)

ViewSonic VB-WIFI-004

ViewSonic VB-WIFI-004 Dual Band WiFi 6 USB Adapter User Manual

1. INTRODUCTION

The ViewSonic VB-WIFI-004 is a wireless module designed to provide enhanced Wi-Fi 6 (802.11ax) and Bluetooth 5.0 connectivity to compatible ViewSonic ViewBoard interactive displays, including the IFP105S, IFP32-2, and IFP33 series. This adapter supports both 2.4GHz and 5.0GHz frequency bands for optimal wireless performance and high-speed data transfer.

This manual provides essential information for the proper installation, operation, and maintenance of your VB-WIFI-004 USB Adapter.

2. PACKAGE CONTENTS

- ViewSonic VB-WIFI-004 Dual Band WiFi 6 USB Adapter

3. SETUP AND INSTALLATION

Follow these steps to install the VB-WIFI-004 USB Adapter into your compatible ViewSonic ViewBoard interactive display:

1. **Locate the USB Port:** Identify the designated USB port on your ViewSonic ViewBoard interactive display for the wireless module. Refer to your ViewBoard's user manual for the exact location.
2. **Insert the Adapter:** Carefully insert the VB-WIFI-004 USB Adapter into the identified USB port. Ensure it is fully seated.
3. **Power On/Restart ViewBoard:** If your ViewBoard was off, power it on. If it was already on, a restart may be required for the system to recognize the new hardware.
4. **Driver Installation:** The ViewBoard operating system should automatically detect and install the necessary drivers for the VB-WIFI-004. No manual driver installation is typically required.
5. **Verify Installation:** Once the ViewBoard has started, navigate to the network settings to confirm that Wi-Fi and Bluetooth options are available and functional.



Image 1: Top-down view of the ViewSonic VB-WIFI-004 USB Adapter, showing its compact design.



Image 2: Side view of the ViewSonic VB-WIFI-004 USB Adapter, highlighting the USB connector for insertion into the ViewBoard.



Image 3: Multi-angle diagram of the ViewSonic VB-WIFI-004 USB Adapter, illustrating its various dimensions and form factor.

4. OPERATING INSTRUCTIONS

4.1. Connecting to Wi-Fi

1. Access the network settings on your ViewSonic ViewBoard.
2. Enable Wi-Fi if it is not already active.
3. Select your desired Wi-Fi network (SSID) from the list of available networks. The VB-WIFI-004 supports both 2.4GHz and 5.0GHz bands, allowing connection to a wide range of networks.
4. Enter the network password if prompted.
5. Confirm connection. The ViewBoard should now be connected to the internet with high-speed Wi-Fi 6 capabilities.

4.2. Connecting Bluetooth Devices

1. Navigate to the Bluetooth settings on your ViewSonic ViewBoard.
2. Ensure Bluetooth is enabled.
3. Put your Bluetooth device (e.g., keyboard, mouse, headphones) into pairing mode.
4. Select your device from the list of available Bluetooth devices on the ViewBoard.
5. Follow any on-screen prompts to complete the pairing process.

5. MAINTENANCE

The ViewSonic VB-WIFI-004 USB Adapter requires minimal maintenance. To ensure optimal performance and longevity:

- **Cleaning:** Gently wipe the exterior of the adapter with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the adapter to strong impacts.

6. TROUBLESHOOTING

If you encounter issues with your VB-WIFI-004 USB Adapter, refer to the following common problems and solutions:

- **No Wi-Fi or Bluetooth Connection:**
 - Ensure the adapter is securely inserted into the ViewBoard's USB port.
 - Restart the ViewBoard.
 - Check the ViewBoard's network and Bluetooth settings to ensure Wi-Fi and Bluetooth are enabled.
 - Verify that your Wi-Fi network is operational and within range.
- **Slow Wi-Fi Speeds:**
 - Ensure your ViewBoard is connected to a 5.0GHz network if available, as it generally offers faster speeds and less interference.
 - Check for obstructions between the ViewBoard and your Wi-Fi router.
 - Restart your Wi-Fi router.
- **Bluetooth Device Not Pairing:**
 - Ensure the Bluetooth device is in pairing mode and within range.
 - Check if the Bluetooth device is already paired with another device.
 - Restart the ViewBoard and attempt pairing again.

7. SPECIFICATIONS

Feature	Description
Model Number	VB-WIFI-004
Brand	ViewSonic

Feature	Description
Hardware Interface	USB, Bluetooth 5
Wireless Standards	Wi-Fi 6 (802.11ax)
Frequency Bands	2.4GHz, 5.0GHz
Data Transfer Rate	Up to 9.6 Gigabits Per Second (Wi-Fi)
Bluetooth Version	Bluetooth 5.0
Compatible Devices	ViewSonic ViewBoard Interactive Displays (IFP105S, IFP33, IFP32 & IFP32-2 Series)
Dimensions (LxWxH)	7.87 x 5.91 x 5.91 inches (approximate)
Weight	3.52 ounces (approximate)

8. WARRANTY INFORMATION

For detailed warranty information regarding your ViewSonic VB-WIFI-004 USB Adapter, please refer to the warranty card included with your product or visit the official ViewSonic website. Warranty terms and conditions may vary by region and product.

9. CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact ViewSonic customer support:

- **Online Support:** Visit the official ViewSonic website for FAQs, driver downloads, and support resources.
- **Contact Information:** Refer to the ViewSonic website for regional contact numbers and email support options.