SEAGO VH20U

Beantech Vikery Conference 20X Zoom HD Camera

User Manual

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Beantech Vikery Conference 20X Zoom HD Camera (Model: VH20U). Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

The Vikery Conference HD Camera is designed for professional conferencing, offering a 90-degree diagonal field of view and 20x optical zoom. It features enterprise-quality audio and video, a noise-canceling microphone, and a premium camera lens, making it compatible with popular applications such as Skype, Zoom, WebEx, and Teams.



Image: This illustration emphasizes the camera's role in connecting people globally, showing two camera units alongside individuals participating in a conference meeting.

What's in the Box

Verify that all items are present in the package:

- HD Conference Camera
- Instruction Manual
- Ceiling Support
- Mounting Screw
- Power Adapter
- USB Cable
- Product Description
- Remote Control



Image: Front view of the Beantech Vikery Conference 20X Zoom HD Camera, showcasing its lens and base with 'VIKERY' branding and 'STANDBY' and 'POWER' indicators.

Setup

1. **Placement:** Position the camera on a stable, flat surface or mount it using the provided ceiling support and mounting screws. Ensure the camera has a clear line of sight to the area you wish to capture.
2. **Power Connection:** Connect the power adapter to the camera's power input port and then plug it into a

standard electrical outlet.

3. **USB Connection:** Connect the USB cable from the camera to an available USB port on your computer or conferencing system.
4. **Software Compatibility:** The camera is plug-and-play compatible with most operating systems and popular conferencing applications such as Zoom, Skype, WebEx, and Microsoft Teams. No special drivers are typically required.

Image: This illustration highlights the camera's compatibility with various popular conferencing applications, including Zoom, Skype, WebEx, and Microsoft Teams, indicating ease of integration into existing setups.

Operating Instructions

The Vikery Conference Camera offers flexible pan, tilt, and zoom controls for optimal viewing during your conferences.

- **Power On/Off:** Press the 'POWER' button on the camera's base or the remote control to turn the camera on or off.
- **Pan and Tilt:** Use the directional buttons on the remote control to adjust the camera's horizontal (pan) and vertical (tilt) angles. The camera supports a horizontal rotation angle of ±172° and a vertical rotation angle of 125°.
- **Zoom Control:** Utilize the zoom in (+) and zoom out (-) buttons on the remote control to adjust the 20x optical zoom. This allows for clear capture of subjects at various distances.
- **Focus Adjustment:** The camera features automatic focus. If manual adjustment is needed, refer to the remote control's specific focus buttons (if available).
- **Audio:** The integrated noise-canceling microphone captures clear audio. Ensure your conferencing software is configured to use the camera's microphone.



Image: This graphic demonstrates the camera's zoom capabilities, showing three camera models (3x, 10x, 20x) and a monitor displaying a video conference, emphasizing the ability to capture every detail.



Image: This visual depicts the Vikery Conference HD Camera alongside its remote control, illustrating the ease with which users can manage camera functions for a flexible, hands-free conferencing experience.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a lens cleaning cloth and a specialized lens cleaning solution. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the camera in a cool, dry place away from direct sunlight and excessive dust.
- **Handling:** Handle the camera with care to avoid dropping or impacting it, which could damage internal components or the lens.

Troubleshooting

Problem	Possible Cause	Solution
No video output	USB cable not connected properly; Camera not powered on; Software not recognizing camera.	Ensure USB cable is securely connected. Check power indicator on camera. Verify camera selection in your conferencing software settings. Try a different USB port.
No audio from camera microphone	Microphone muted in software; Incorrect audio input selected.	Check microphone settings in your conferencing application. Ensure the camera's microphone is selected as the input device.
Remote control not working	Batteries low or dead; Obstruction between remote and camera; Remote not paired (if applicable).	Replace batteries. Ensure clear line of sight to the camera's IR receiver. Refer to the remote control's specific instructions for pairing if necessary.

Problem	Possible Cause	Solution
Image is blurry or out of focus	Lens is dirty; Auto-focus issue.	Clean the camera lens with a soft, lint-free cloth. If auto-focus is not working, try moving the camera or subject slightly.

Specifications

Feature	Detail
Model Number	VH20U
Optical Zoom	20x
Diagonal Field of View	90 degrees
Video Capture Resolution	1080p, 720p (at 30 FPS)
Horizontal Rotation Angle	±172°
Vertical Rotation Angle	125°
Connectivity Technology	USB
Color	Gray
Item Weight	2.5 pounds
Package Dimensions	10 x 8.6 x 8.4 inches
Manufacturer	Vickery
First Available	August 9, 2021



Image: This table provides a detailed comparison of specifications across the 3x, 10x, and 20x zoom models of the Vikery Conference HD Camera, including image sensor, effective pixels, angle of field of view, optical lens, and relative aperture.

Warranty and Support

For warranty information and technical support, please refer to the product documentation included in your package or visit the official SEAGO website. Keep your purchase receipt for warranty claims.

For further assistance, you may contact SEAGO customer service through their official channels.

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Model: VH20U