Using the Document Camera

This document provides instructions for controlling the Vaddio DocCAM 20 HDBT ceiling-mounted document camera using the IR remote.

You may use this material in your organization's in-room guides for operating conferencing and presentation equipment.
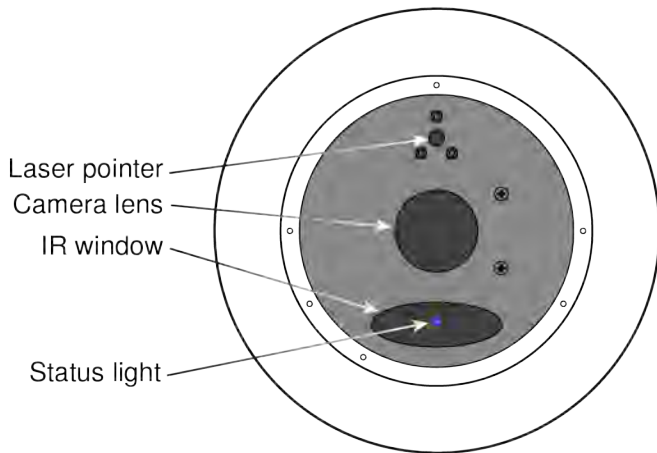
Features of Interest During Operation

- **Camera lens** – 20x optical zoom lens for crisp detail.
- **Laser pointer** – Shows where the camera image is centered. Use the remote to turn on the laser pointer.

Caution | Avertissement

Laser light – Avoid direct eye exposure. Do not look at the laser aperture during camera operation.
Lumière de laser – Ne regardez pas directement dans le faisceau laser. Ne regardez pas directement dans l'ouverture laser lorsque la caméra est en marche.

- **IR window** – Sensors in the camera face receive signals from the remote. Point the remote toward the camera; precision is not necessary.
- **Status light** – The multicolored LED indicates the camera's current state.

Caution | Avertissement

Laser controls are available to remote operators using the web interface. Keep your eyes out of the beam path.
Les commandes laser sont disponibles aux opérateurs à distance utilisant l'interface Web. Gardez les yeux hors du trajet du faisceau.

Status Light

The light in the camera's face indicates its current state.

Note

By default, the camera's status light is active during normal operation; however, it can be configured to remain off when the camera is powered up. The camera may be sending video even if the indicator light is off.

- **Blue:** Normal operation (blinks off momentarily when the camera receives a command from the remote)
- **Purple:** In standby mode or booting
- **Yellow:** Firmware update in progress – overrides status light configuration

Camera assembly numbers 998-9968-001 and 998-9968-100:

Note

This product contains a Class 1, 650 nm red laser pointer.
Cet appareil contient un pointeur laser de la Classe 1, à lumière rouge de 650 nm.

Camera assembly number 998-9968-000 only:

Caution

This product contains a Class 3 (5 mw) 650 nm red laser which produces visible laser radiation. Avoid direct eye exposure. Do not look at the laser aperture during camera operation.

All DocCAM 20 HDBT part numbers:

Caution | Avertissement

Laser light – Avoid direct eye exposure. Do not look at the laser aperture during camera operation. Lumière de laser – Ne regardez pas directement dans le faisceau laser. Ne regardez pas directement dans l'ouverture laser lorsque la caméra est en marche.

Using the IR Remote

The IR remote provides basic camera control for end users.

What do you need to do?	Button(s)
Power on or standby	**Power** (green button at top right)
Select the camera to control (if this remote controls more than one)	**Camera Select** buttons 1 through 3 (second row of buttons)
Center the camera's subject	**Laser** buttons – The laser pointer is aligned at the factory to point slightly above the center of the camera's subject.
Move the camera to a zoom preset	**Position Preset** buttons 1 through 6 (bottom two rows)
Focus the camera	**Auto Focus** button (near arrow buttons) **Manual Focus** buttons **Near** and **Far** (below Zoom Speed buttons)
Control zoom speed	**Zoom Speed** buttons - Slow **T** and **W**, Fast **T** and **W** for telephoto and wide-angle modes (light gray)
Adjust for excess light behind the camera's subject	**Back Light** button (top center)

IR Remote Details

The Vaddio remote provides the following functions:

Power – Switch the selected camera on or off.

Power indicator – Lights momentarily when you press a button.

Back Light – Use or turn off Back Light Compensation.

Data Screen – Display the camera's IP address and MAC address. Press this button again to dismiss the display.

Camera Select – In multi-camera installations, selects the camera to be controlled.

Home button – Returns the camera to its home zoom level.

Laser On – Toggles the laser pointer on and off.

Laser MOM – Turns on the laser pointer momentarily, and forbids it to go out with its friends if it doesn't turn off again after 5 seconds.

Camera assembly numbers 998-9968-001 and 998-9968-100:

Note

This product contains a Class 1, 650 nm red laser pointer.
Cet appareil contient un pointeur laser de la Classe 1, à lumière rouge de 650 nm.

Caution | Avertissement

Laser light – Avoid direct eye exposure. Do not look at the laser aperture during camera operation.
Lumière de laser – Ne regardez pas directement dans le faisceau laser. Ne regardez pas directement dans l'ouverture laser lorsque la caméra est en marche.

Auto Focus – Switch the camera to Auto-Focus mode.

Zoom Speed – Select Slow or Fast movements for telephoto and wide-angle shots.

- **T** (slow and fast) – Telephoto
- **W** (slow and fast) – Wide-angle

Manual Focus – Switch the camera to Manual Focus mode.

Near (-) adjustment – Moves the focus nearer when in manual focus mode.

Far (+) adjustment – Moves the focus farther when in manual focus mode.

Preset – Save the camera's current zoom level as one of the numbered presets.

Reset – Clear a saved preset.

Position Presets 1 through 6 – Move the camera to a predefined zoom level, or specify the preset to save or clear.

Storing a Preset Using the Remote

Position the camera. Then hold down the Preset button and press one of the numbered preset buttons.

Clearing a Preset Using the Remote

Press and hold the Reset button while pressing the preset number you want to clear.

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