



### **Connecting to the Camera**

Connection +	
Server IP:	<input type="text"/>
User Name:	<input type="text"/>
Password:	<input type="text"/>
PTZ File Path:	<input type="text" value="C:\Program Files\Polar"/>
<input type="button" value="Login"/>	

1. **Server IP:** Enter the IP address of your camera (*default: 192.168.1.220*)
2. **User Name:** Username of your camera (*default: admin*)
3. **Password:** Enter the password for your camera (*default: admin*)
4. **Login:** Press to login once all information has been entered.
5. **PTZ File Path:** The path to the PTZ protocol file. By default this is the installation directory.

### **Controlling the Camera**

The screenshot displays a web interface for camera control, organized into three main sections:

- Connection:** A blue header with a plus sign. It contains a "Server IP:" label followed by a text input field containing "192.168.1.200". Below it is a "Protocol:" label followed by a dropdown menu showing "zPan100". A "Logout" button is positioned at the bottom of this section.
- PTZ Control:** A blue header with a plus sign. It features several control buttons: "Up", "Down", "Left", and "Right". Below these are two speed controls: "Pan Speed:" and "Tilt Speed:", each with a dropdown menu set to "3". To the right of the speed controls are "Zoom Out" and "Zoom In" buttons.
- View Mode Control:** A blue header with a plus sign. It contains two buttons: "Next Mode" and "Previous Mode".

1. **Connection**
  - a. **Server IP:** Displays the IP of the camera you are connected to.
  - b. **Protocol:** Displays the current PTZ protocol file you are using.
  - c. **Logout:** Click to logout of the camera.
2. **PTZ Control (hold buttons down for continuous operation)**
  - a. **Up:** Tilt the view up (Zoom and Wide View Only)
  - b. **Down:** Tilt the view down (Zoom and Wide View Only)
  - c. **Left:** Pan the Camera left (All modes except Ring)
  - d. **Right:** Pan the Camera right (All modes except Ring)
  - e. **Pan Speed:** Select the speed of panning operations
  - f. **Tilt Speed:** Select the speed of tilt operations
  - g. **Zoom Out:** Digitally Zoom out of the image (Zoom and Wide View Only)
  - h. **Zoom In:** Digitally Zoom in to the image (Zoom and Wide View Only)
3. **View Mode Control**
  - a. **Next Mode:** Change to the next viewing Mode
  - b. **Previous Mode:** Go to the Previous viewing Mode
  - c. **Viewing modes are in the following order starting from the default mode:**
    - i. Quad with Wide
    - ii. Zoom with Wide
    - iii. Full Wide
    - iv. Ring
    - v. Dual Half
    - vi. Dual Half Mirrored
    - vii. Quad

## Servicing The Camera

**WARNING!! – This section is for administrators only, and as such should only be used when instructed by Polar Industries Technical support. Improper use of these controls may render your camera inoperable. Polar Industries, Inc. makes no warranties of any kind in reference to these Administrator controls.**

The screenshot shows a vertical menu titled "Service Controls" with a plus sign in the top right corner. The menu is organized into sections, each with a dark blue header. The sections and their controls are: "Inner Radius" with "Radius +", "Radius -", and "Reset" buttons; "Outer Radius" with "Radius +", "Radius -", and "Reset" buttons; "Center Ring" with "Up", "Left", "Reset", "Right", and "Down" buttons; "White Balance" with "Auto" and "Manual" buttons; "Auto Exposure" with "Auto" and "Manual" buttons; "Exposure Compensation" with "On", "Off", "Reset", "Up", and "Down" buttons; "Shutter Speed" with "Up", "Down", and "Reset" buttons; "Gain Control" with "Up", "Down", "Reset", "RGain Up", "RGain Down", "Rgain Reset", "BGain Up", "BGain Down", and "BGain Reset" buttons; and "Aperture" with "Up", "Down", and "Reset" buttons.

- 1) **Inner Radius** – This controls the size of the inner ring.
- 2) **Outer Radius** – This controls the size of the outer ring.
- 3) **Center Ring** – This is used to center the rings in ring mode
- 4) **White Balance** – Use these controls to set the white balance to auto or manual
- 5) **Auto Exposure** – Use these controls to set the Exposure to Auto or Manual
- 6) **Exposure Compensation** – This section is used to turn exposure compensation on or off, as well as adjust the levels.
- 7) **Shutter Speed** – These controls adjust the shutter speed.
- 8) **Gain Control** – Use these controls to adjust the Gain Levels
- 9) **Aperture** – This is where you control the aperture settings.
- 10) **SAVE** – You MUST click the save button in order to save any changes you make here.

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## User Guide

Rev 1.0 – 2/16/06 – Updated the connection information to reflect latest changes

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