



### BG-UPTZ Series

The BZBGEAR BG-UPTZ is an enterprise-grade IP Streaming PTZ camera featuring simultaneous video output from HDMI, SDI, USB, and IP streaming. High grade lenses deliver pristine image quality at resolutions up to 1080p @ 60 Hz. Exceptional mechanical craftsmanship and high-grade components result in responsive and quiet operation. The latest compression algorithms and a diverse array of video outputs give you the ability to use these cameras with nearly any setup. This camera is ideally suited for a broad range of applications -from classrooms and boardrooms to houses of worship and live productions.

#### Package Contents

- |                           |                         |
|---------------------------|-------------------------|
| 1 x BG-UPTZ               | 1 x RS232 Control Cable |
| 1 x 12V/1.5A Power Supply | 1 x IR Remote Control   |
| 1 x User Manual           |                         |

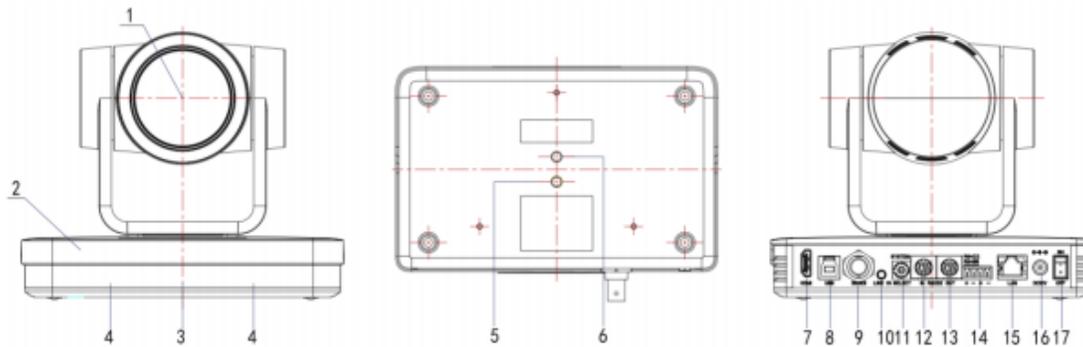


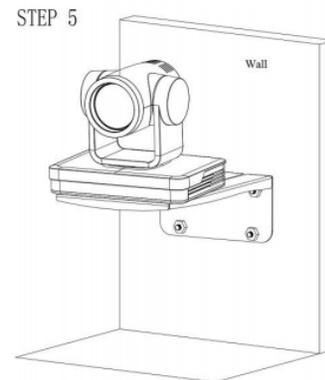
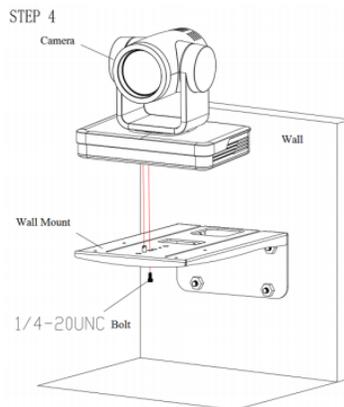
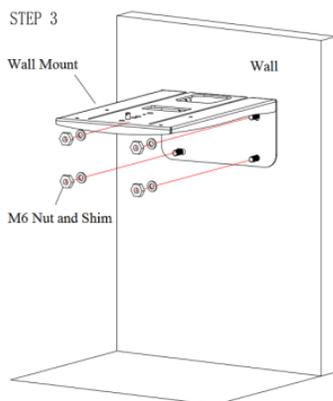
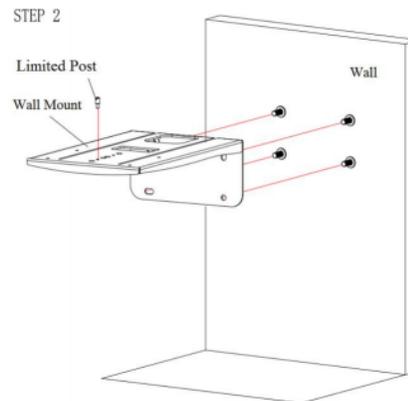
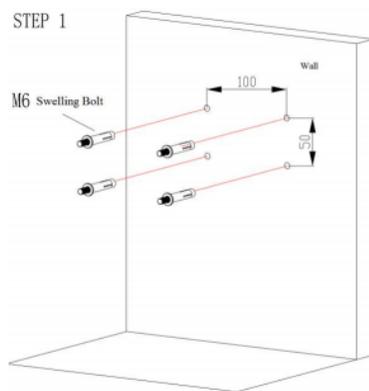
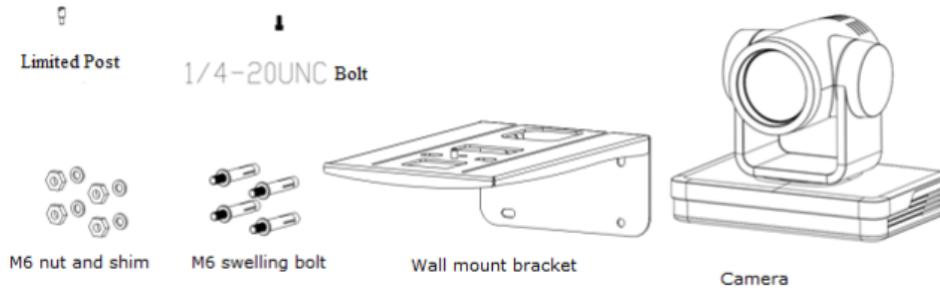
Figure 1.1

- |                                       |   |
|---------------------------------------|---|
| 1. Camera Lens                        | 10. Audio Input Interface (Line-in)         |
| 2. Camera Base                        | 11. Rotary DIP Switch                       |
| 3. Remote Control Receiving Indicator | 12. RS232 Control Interface (input)         |
| 4. Infrared Receiver                  | 13. RS232 Control Interface (output)        |
| 5. Tripod Screw Hole                  | 14. RS422 Interface (Compatible with RS485) |
| 6. Screw Hole for Tripod              | 15. Network Interface (LAN)                 |
| 7. HDM Output                         | 16. DC12V Input Power Supply Socket         |
| 8. USB3.0 Output                      | 17. Power Switch                            |
| 9. SDI Output                         |   |



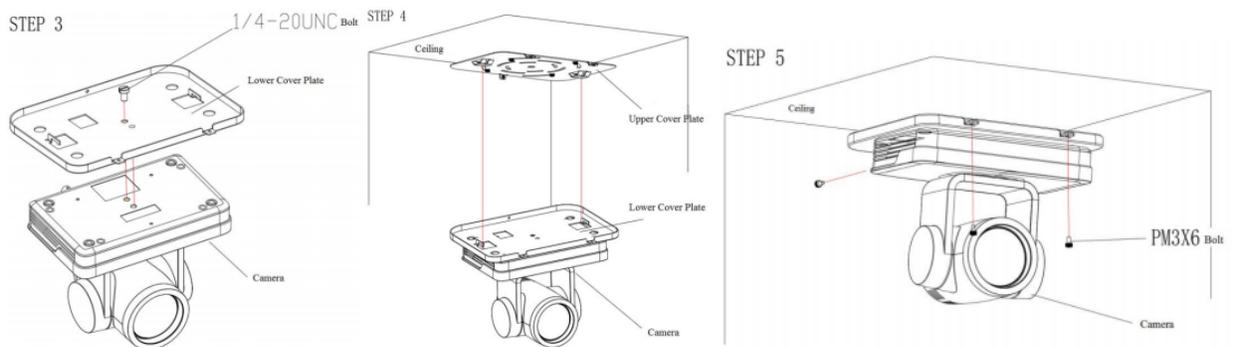
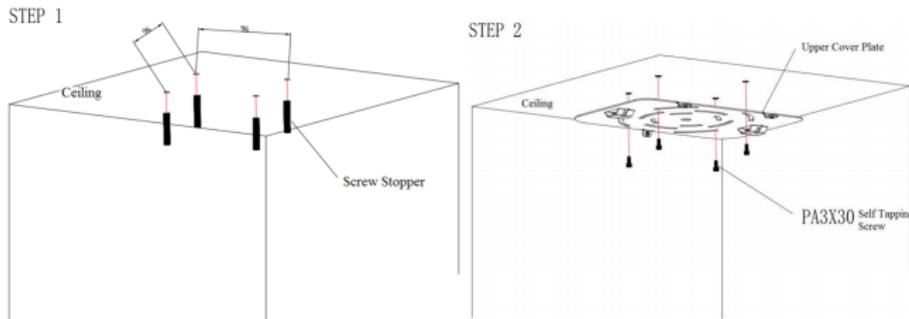
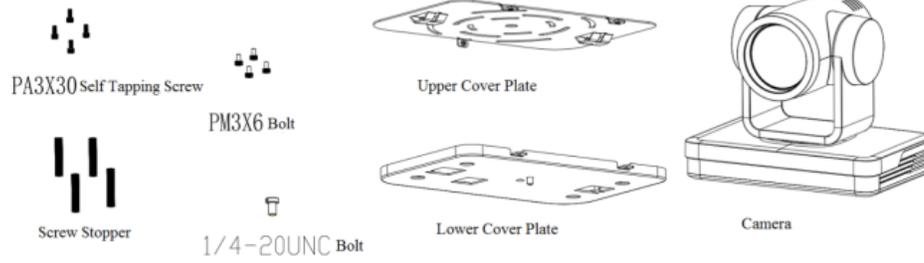
### Mounting Instructions

#### 1) Wall Mounting:





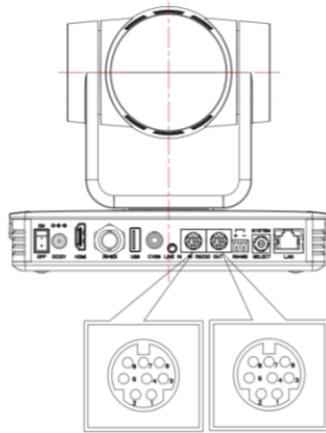
**2) Ceiling Mounting**





## RS-232 Interface

### 1) RS-232 Interface Definition

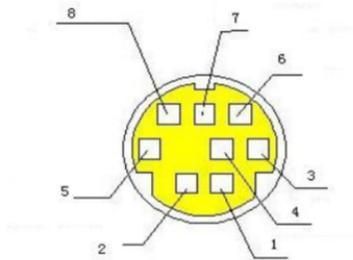


Connection to PC or Camera Controller

Camera	WindowsDB-9
1.DTR	1.DCD
2.DSR	2.RXD
3.TXD	3.TXD
4.GND	4.DTR
5.RXD	5.GND
6.GND	6.DSR
7.IR OUT	7.RTS
8.NC	8.CTS
	9.RI



### 2) RS232 Mini-DIN 8-pin: Port Definition



NO.	Port	Definition
1	DTR	Data Terminal Ready
2	DSR	Data Set Ready
3	TXD	Transmit Data
4	GND	Signal Ground
5	RXD	Receive Data
6	GND	Signal Ground
7	IR OUT	IR Commander Signal
8	NC	No Connection

## WebGUI

The BG-UPTZ camera includes a built-in WebGUI allowing for control and management of advanced features. Use the following instructions to access the WebGUI.

1. Launch a web browser and enter the IP address of the unit (default 192.168.5.163).
2. The BZBGEAR login page will appear.
3. Enter your login information (by default **Username** = admin **Password** = admin).
4. Select the Login button.

### *Problems connecting to your camera?*

Check out our Knowledge Base at <https://bzbgear.com/knowledge-base/> for more information and step-by-step guide.



<p>My camera has no picture</p>	<p>Power switch is off, bad connection, incompatible resolution, camera lens is obstructed</p>	<ul style="list-style-type: none"><li>• Check the power switch on the back of the camera</li><li>• Check connections/replace cables with new ones</li><li>• Use IR remote or WebGUI to change to a resolution that is compatible with your display</li><li>• Check computer and program settings to ensure USB is discovered</li></ul>
<p>My IR remote control doesn't work</p>	<p>The camera's IR sensor is blocked, batteries are dead, sunlight is interfering with the IR signal</p>	<ul style="list-style-type: none"><li>• Ensure you have a clear line of sight from the remote to the front of the camera base</li><li>• Replace the batteries</li><li>• Ensure the camera is out of direct sunlight</li></ul>
<p>I cannot access the camera's WebGUI</p>	<p>The camera is not connected to the network</p>	<ul style="list-style-type: none"><li>• Check connections</li><li>• Verify your camera's IP address using an IP scanning tool</li><li>• Ensure your computer is connected to the same network as the camera</li></ul>
<p>I have no image from my USB connection</p>	<p>Your USB device is not being discovered</p>	<ul style="list-style-type: none"><li>• Make sure you're using a USB 3.0 cable</li><li>• Replace the cable with a shorter one (6 feet or less)</li><li>• Try a different USB port on your computer</li></ul>