



## 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	

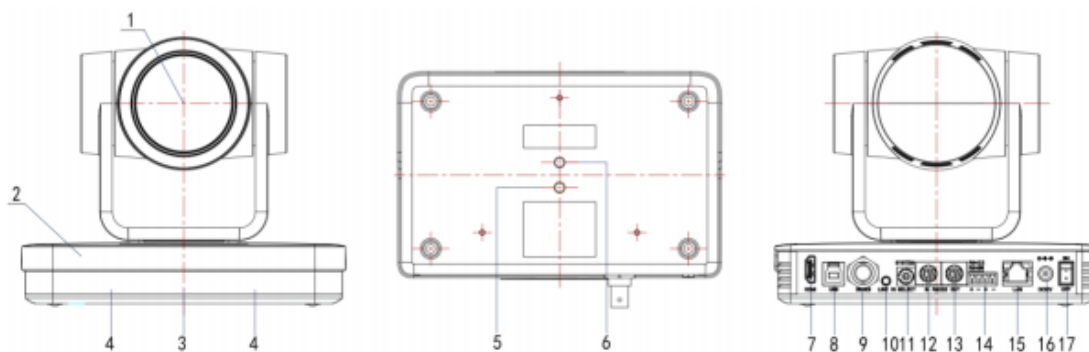


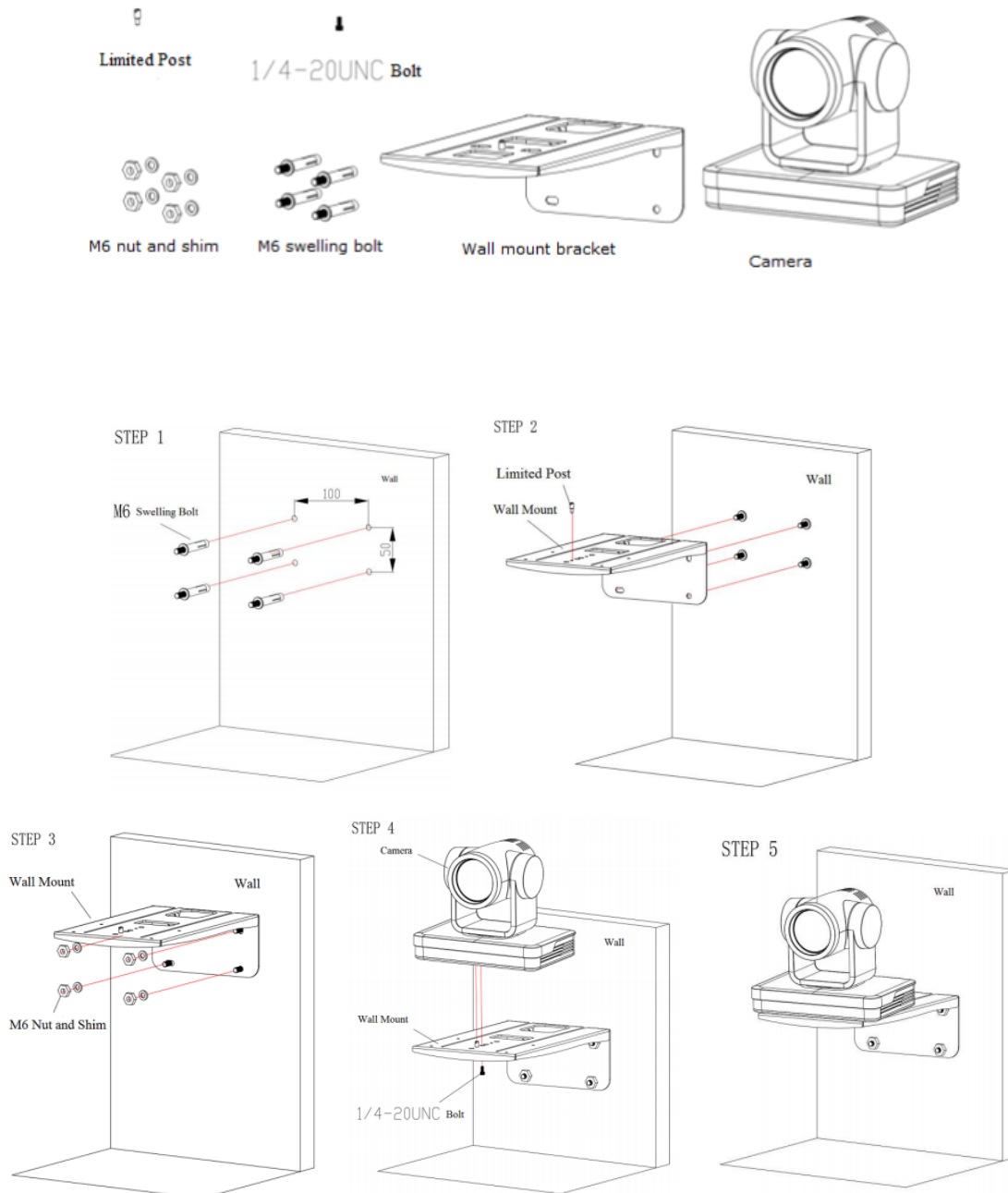
Figure 1.1

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>1. Camera Lens</li><li>2. Camera Base</li><li>3. Remote Control Receiving Indicator</li><li>4. Infrared Receiver</li><li>5. Tripod Screw Hole</li><li>6. Screw Hole for Tripod</li><li>7. HDMI Output</li><li>8. USB3.0 Output</li><li>9. SDI Output</li></ul> | <ul style="list-style-type: none"><li>10. Audio Input Interface (Line-in)</li><li>11. Rotary DIP Switch</li><li>12. RS232 Control Interface (input)</li><li>13. RS232 Control Interface (output)</li><li>14. RS422 Interface (Compatible with RS485)</li><li>15. Network Interface (LAN)</li><li>16. DC12V Input Power Supply Socket</li><li>17. Power Switch</li></ul> |
|--|---|



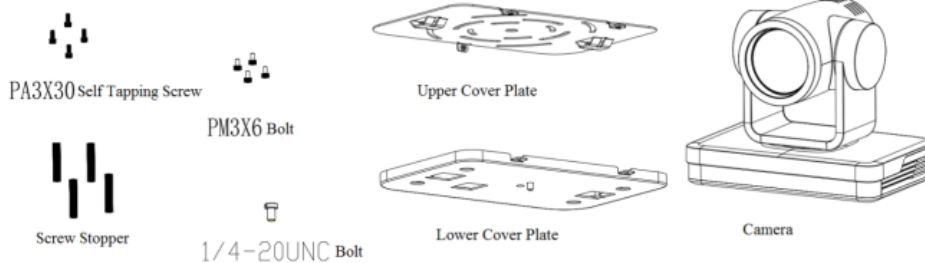
## Mounting Instructions

### 1) Wall Mounting:

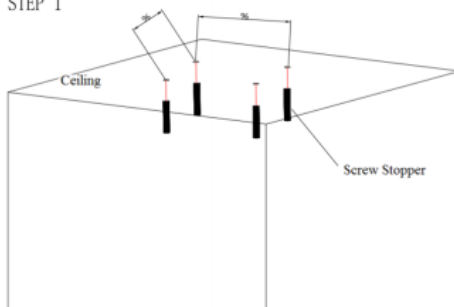




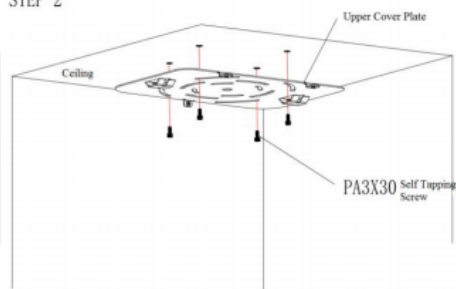
### 2) Ceiling Mounting



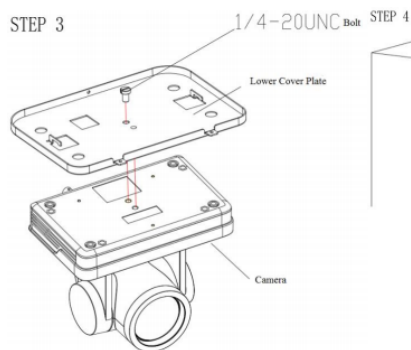
STEP 1



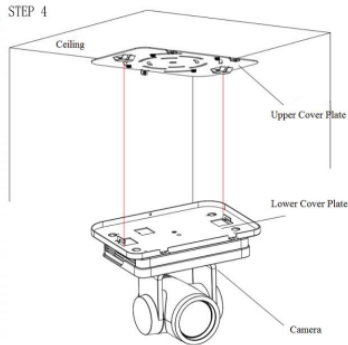
STEP 2



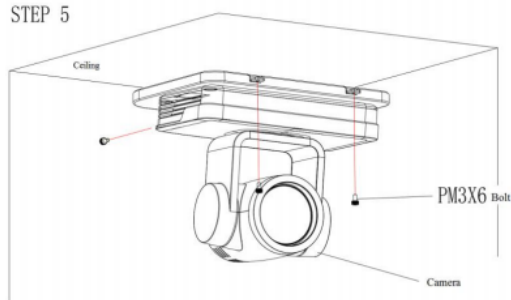
STEP 3

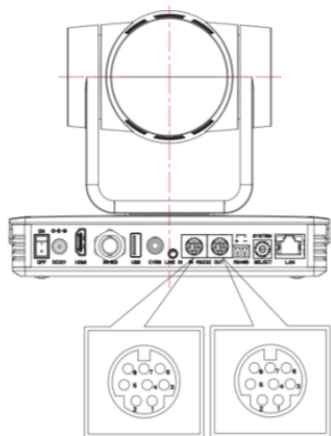


STEP 4

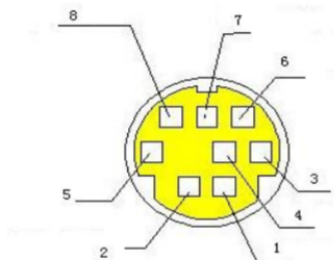


STEP 5



**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.



My camera has no picture	Power switch is off, bad connection, incompatible resolution, camera lens is obstructed	<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>
My IR remote control doesn't work	The camera's IR sensor is blocked, batteries are dead, sunlight is interfering with the IR signal	<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>
I cannot access the camera's WebGUI	The camera is not connected to the network	<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>
I have no image from my USB connection	Your USB device is not being discovered	<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>