



BG-4KPTZ Series

With its stunning 4k image delivered courtesy of the Sony CMOS sensor, the BG-4KPTZ-12XUHP has few rivals in the marketplace. This multi-function PTZ IP camera delivers amazing detail even at full zoom. It was designed with simultaneous USB 3.0, HDMI, and IP streaming outputs for maximum flexibility. With this camera you can stream directly to popular social media platforms like YouTube and Facebook with no additional equipment needed.

It supports multiple control methods including IR Remote, WebGUI, or RS232/485, making it easy for you get the perfect shot every time. Installation and placement have been simplified with PoE functionality consolidating A/V and power connections to a single category cable.

If you prioritize picture quality above all else, this is the camera you want.

Package Contents

- 1 x BG-4KPTZ
- 1 x 12V/1.5A Power Supply
- 1 x User Manual
- 1 x RS232 Control Cable
- 1 x IR Remote Control

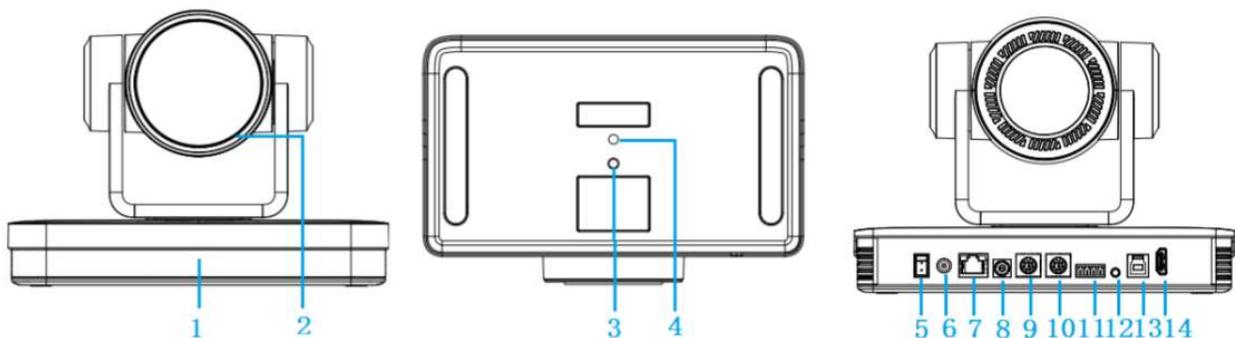


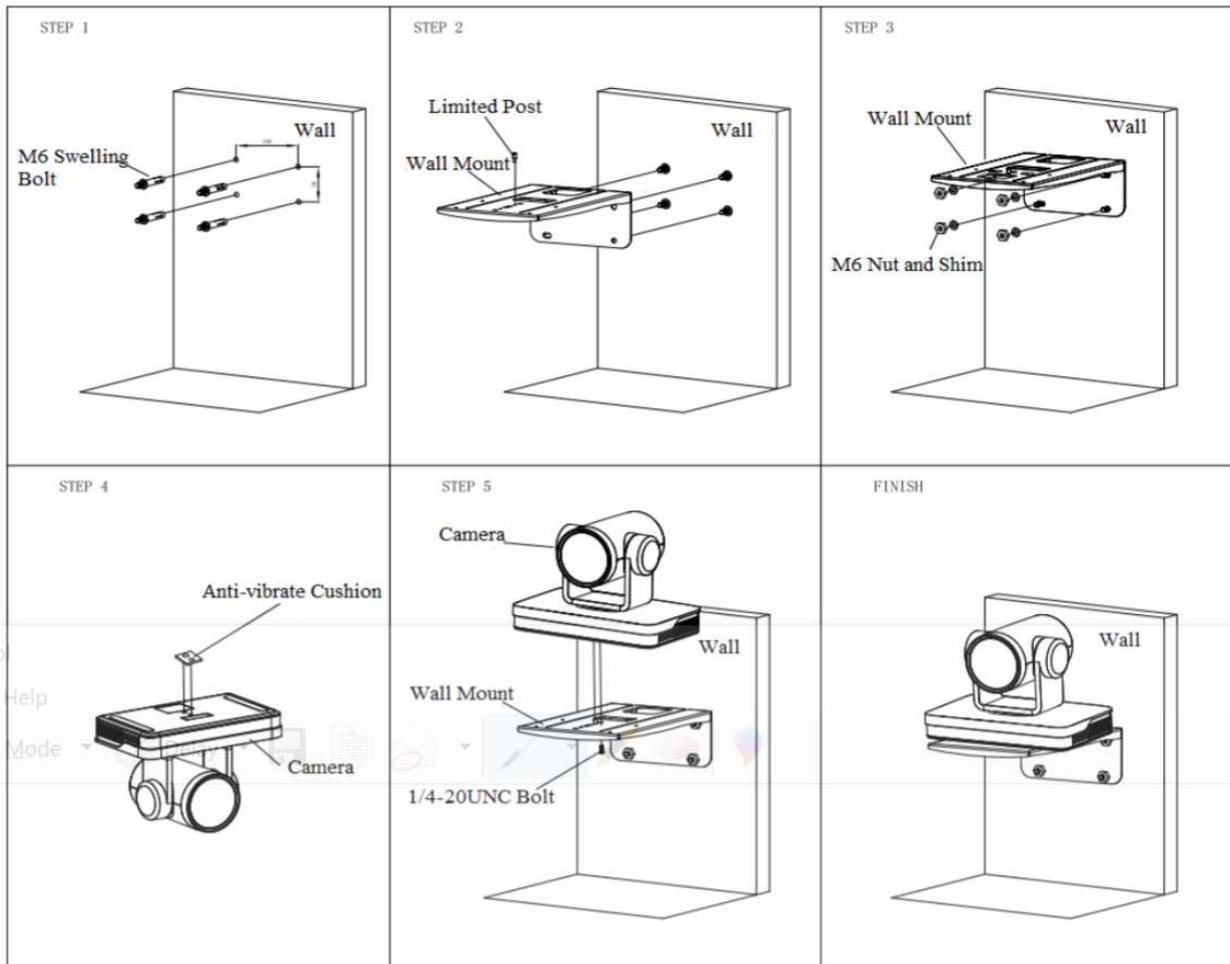
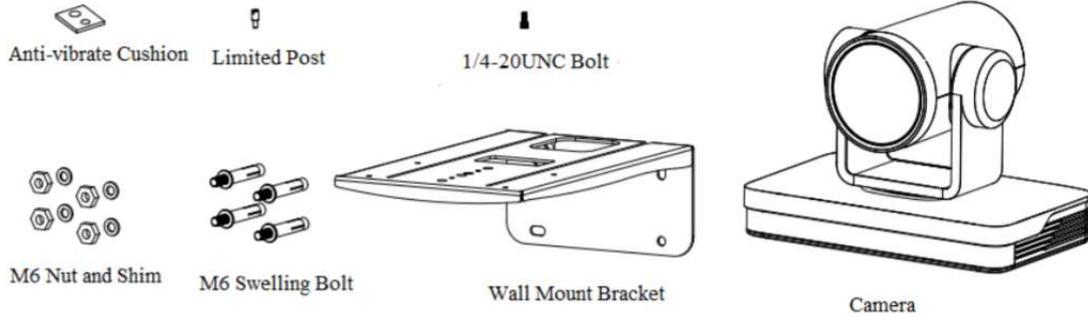
Figure 1.1 Product Interfaces

- 1. Remote Control Receiving Indicator
- 2. Camera Lens
- 3. Tripod Screw Hole
- 4. Tripod Screw Hole
- 5. Power Switch
- 6. DC12V Input Power Supply Socket
- 7. LAN Port
- 8. Rotary DIP Switch
- 9. RS232 Control Input
- 10. RS232 Control Output
- 11. RS422/RS485 Input
- 12. Audio Input Interface
- 13. USB 3.0 Interface
- 14. HDMI Output Interface



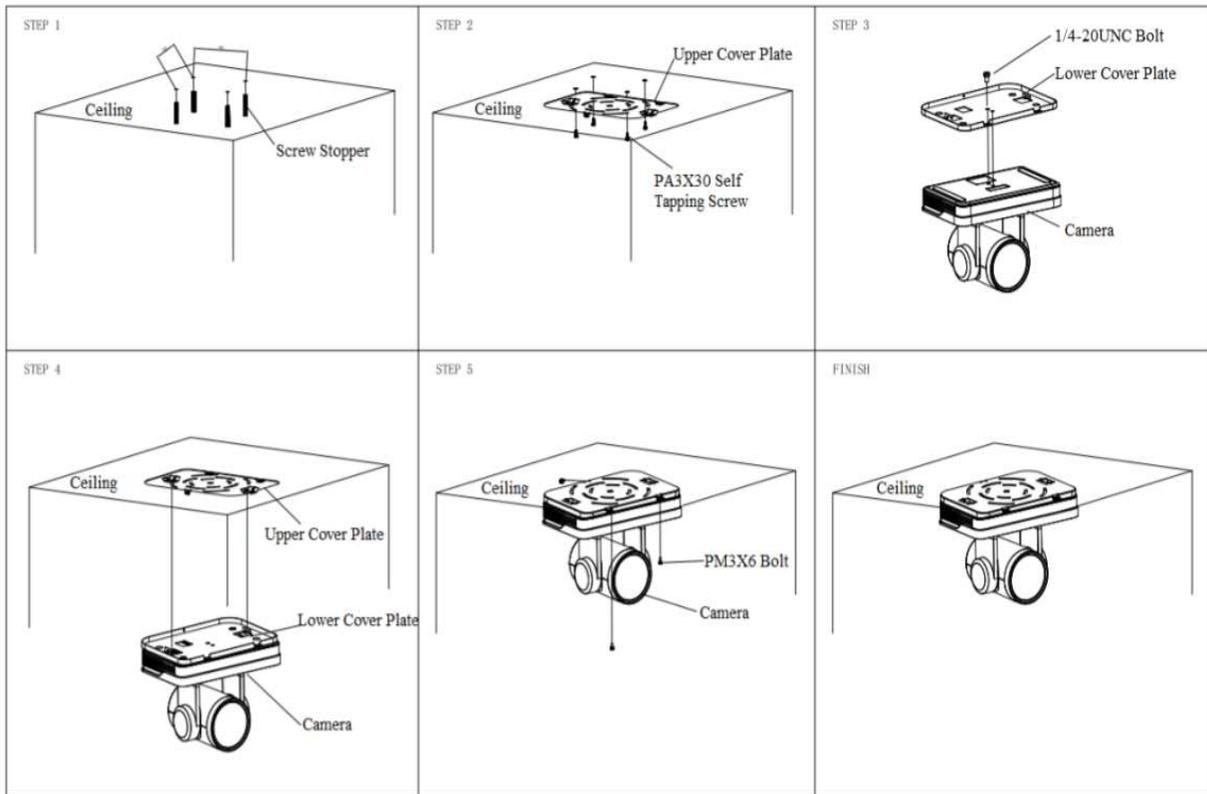
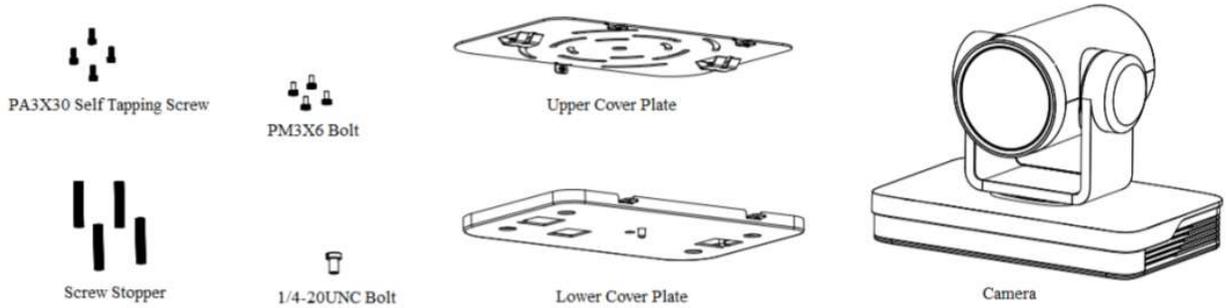
Mounting Instructions

1.) Wall Mounting





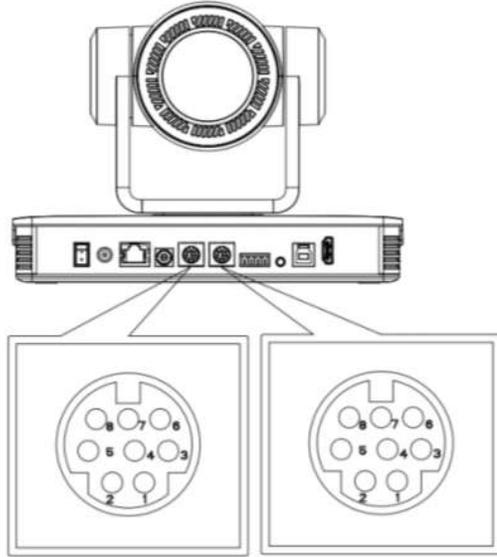
2.) Ceiling Mounting





RS-232 Interface

1.) RS-232 Interface Description



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



WebGUI

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