



### BG-UPTZ-ND Series

You spoke – we listened! We have taken our popular UPTZ camera and added NDI|HX functionality to create what we think is the most versatile camera on the market. This all-rounder is ideal for almost any possible application you can imagine. High grade lenses give you pristine image quality while NDI|HX support provides the ability to easily share your IP stream to multiple devices and platforms simultaneously without massive bandwidth requirements. Hallmarks of the NDI|HX protocol include low latency, support for multi-GPU acceleration, support for the most advanced compression formats currently available, and the ability to operate over a wireless network. There has *never* been a simpler way to connect video equipment together! New devices are automatically discovered and made available to all other systems on the network. Removing the need for running bulky cables makes video production, streaming and conferencing applications easy to deploy, manage and scale. This camera is ideal for any situation where flexibility and high image quality are the top priorities.

#### Package Contents

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

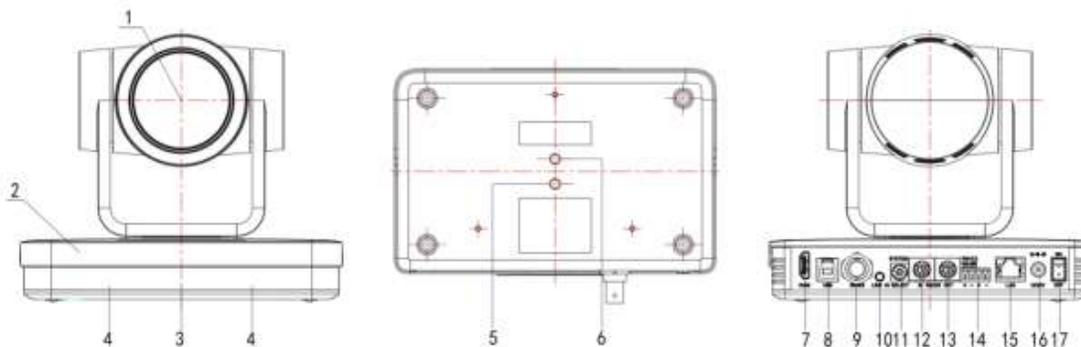


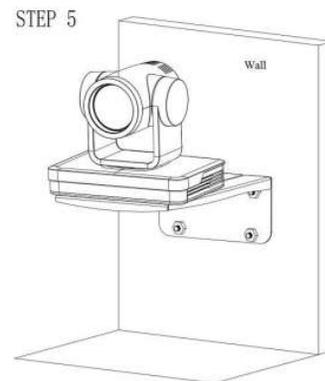
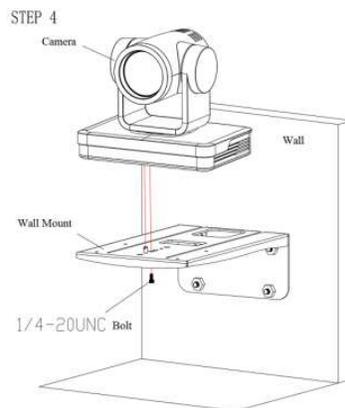
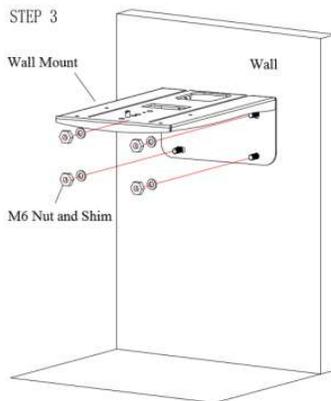
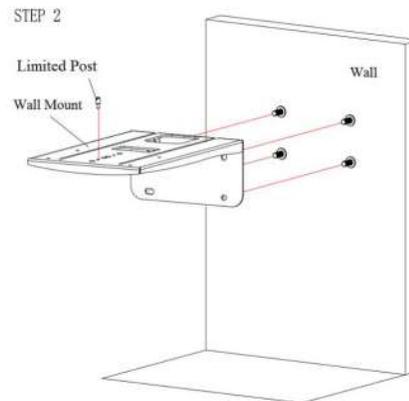
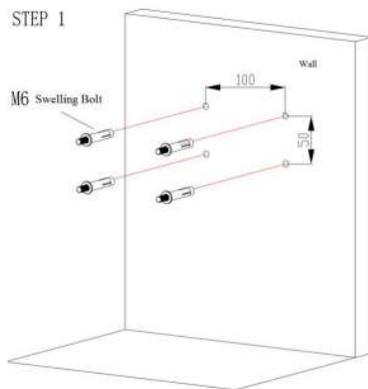
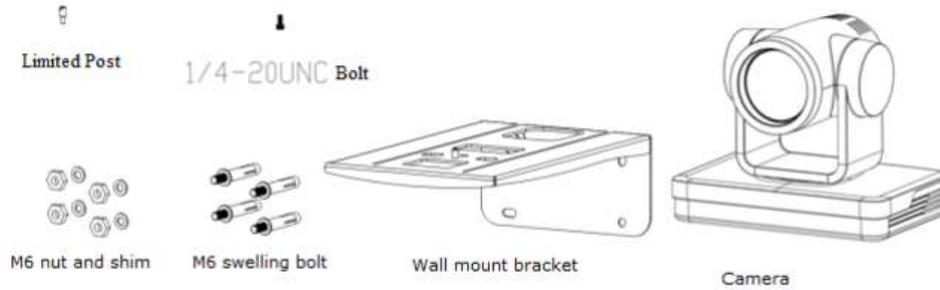
Figure 1.1

- |                                       |   |
|---------------------------------------|---|
| 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                         |   |



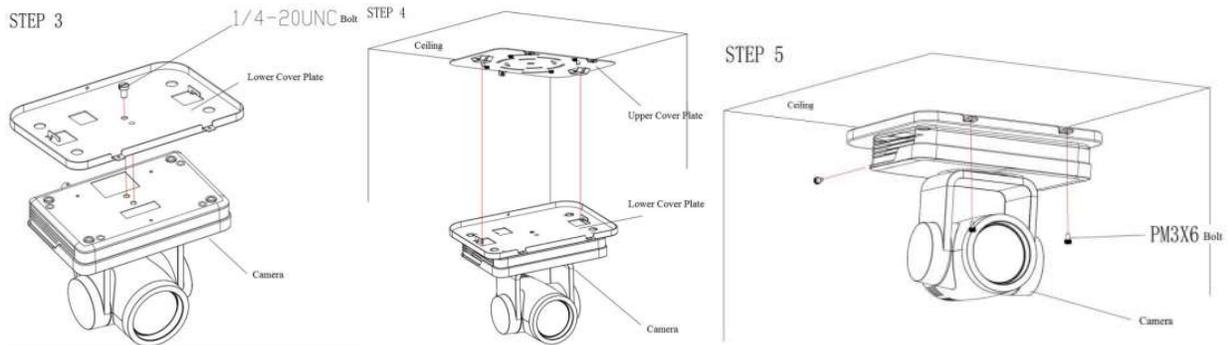
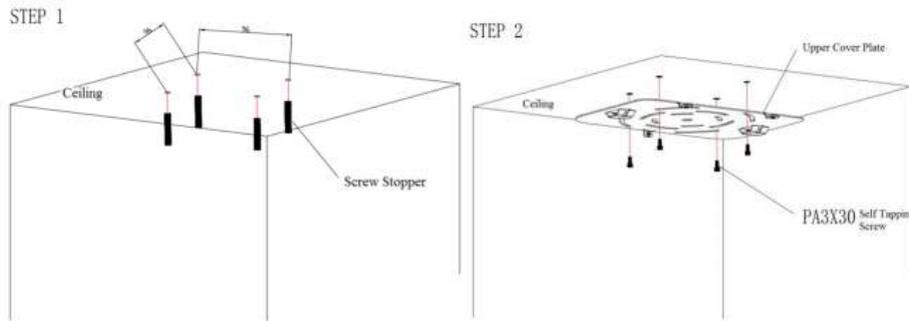
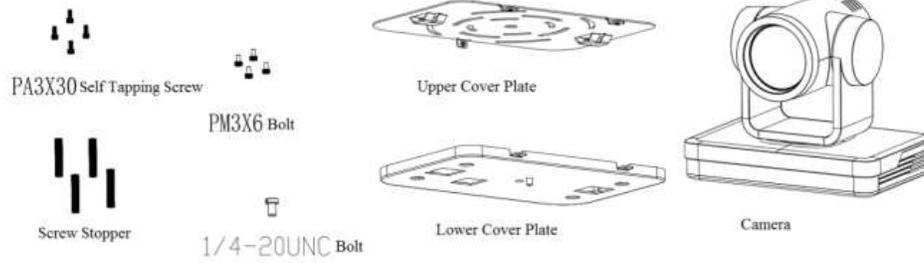
### Mounting Instructions

#### 1) Wall Mounting:





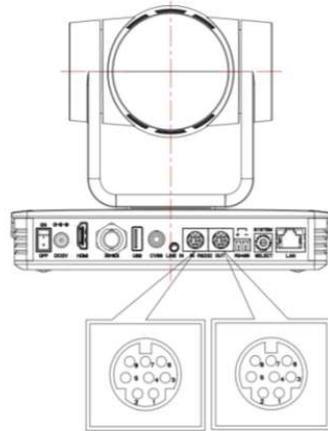
**2) Ceiling Mounting**



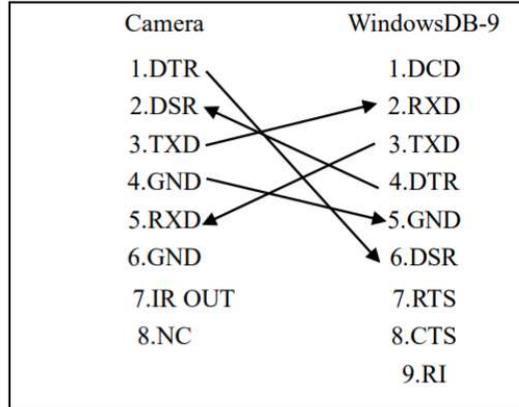


### RS-232 Interface

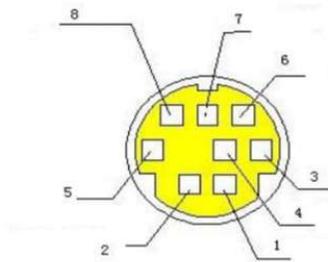
#### 1) RS-232 Interface Definition



Connection to PC or Camera Controller



#### 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>