PACKAGE CONTENTS

1. Camera
2. Dome

Additional
- 1 x Protective gloves
- 1 x 1.5" straight thread adapter
- 3 x M6 screws
- 1 x Wall mount bracket
- 1 x M4 locking screw
- Water proof RJ45 connector kit
- Thread tape
- Torx wrench

FIGURE 1 BX 4MP PTZ Dome Pendant Variant

CONNECTIONS

1. Power AC24V Red
   AC24V Black
   EARTH Yellow/Green
2. RJ45F Network port
3. Audio OUT Red
   IN White
   GND Black
4. Alarm OUT1 Blue
   COM1 Green
   GND Yellow/Green
   IN1 Red
   IN2 Brown

TABLE 1: Pin connections

FIGURE 2 Cable connections

SAFETY NOTICES

Warning
⚠ Ensure that the power supply is switched off during installation.
When installing the camera, fasten it securely to the surface. A falling camera may cause personal injury.

Caution
⚠ Only transport, store and install in suitable environments. For more information, see the User Guide.
Usage of the incorrect voltage or using two supply voltages at the same time can irreversibly damage the camera. Ensure that the correct voltage is used for the auxiliary power supply.
The camera has been certified for internal use only. Cable runs for cameras should only be run within a building.
Incorrect installation may result in water ingress into the camera. Ensure you install the camera correctly to ensure the unit is watertight.
For security reasons, you must change the camera’s default username and password.
Ensure each camera has a unique IP address.

Notices

Read this guide before installing the camera.

REGULATORY

- EN 55022 Class A
- EN 61000-3-2, EN 61000-3-3
- FCC Part 15, Subpart B Class A
- EN 50130-4
- UL60950-1
- UL 60950-22
- AS/NZS CISPR 22, AS/NZS CISPR 24
- IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
- P660K10 (IEC 62262)
1. POWERING UP THE CAMERA

The camera is a Power Over Ethernet Plus (PoE+) - Class 4 powered device compliant with the IEEE802.3at standard. It can be powered using a PoE+ injector. A 75W PoE+ injector can be purchased from IndigoVision Limited (Part Number 130176).

If PoE+ is not available, the camera can be powered using the auxiliary power:

The camera can be powered by the following:
- PoE+ switch
- PoE+ injector/midspan (Part Number 130176)
- Auxiliary power supply
- 24V AC, 13W without the heater, 23W with the heater

The camera should only be powered from the specified voltage.

2. CONFIGURING THE CAMERA

Before you connect the camera to your network, you must configure the camera's IP address and subnet mask appropriately.

Configure the settings

1. Connect the camera to PC via a PoE switch or an Ethernet crossover cable.
2. Navigate to the camera's default IP address using a web browser, and enter the default user name and password.

<table>
<thead>
<tr>
<th>Table 1: Default network settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default Username: Admin</td>
</tr>
<tr>
<td>Default Password: 1234</td>
</tr>
<tr>
<td>Default IP Address: 10.5.1.10</td>
</tr>
<tr>
<td>Default Subnet Mask: 255.0.0.0</td>
</tr>
<tr>
<td>Default Gateway: 10.0.0.1</td>
</tr>
</tbody>
</table>

3. Enter the NTP server and port on the Setup > System > General > Date&Time menu.
4. Enter a new IP address and subnet mask on the Setup > Network > TCP/IP menu.
5. Select the video standard for your region using the Video Standard option on the Setup > System > General menu.

Choose PAL for countries with 50Hz power frequency and NTSC for countries with 60Hz power frequency.

3. INSTALLING THE CAMERA

For camera dimensions, refer to the Hardware Guide.

Mounting the Camera

1. Connect the Adapter block (3) to the Wall mount bracket (1) and fix the set screw (4).
2. Drill one cable exit hole at least 50mm in diameter in the wall.
3. Pull the cable bundle through the Adapter block and pull it out of the other end of the Wall mount bracket.
4. Align the cable exit hole in the Wall mount bracket with the cable exit hole in the wall.
5. Drill holes in the wall using the Installation holes at the bottom of the Wall mount bracket (2) as a guide.
6. Insert raw plugs (not provided) into the holes in the wall.
7. Connect the cable bundle to the Camera (5) and pull it through the hole in the wall.
8. Secure the bracket onto the wall by inserting the 4 hex screws into the raw plugs.

Binary I/O connections

The BX 4MP PTZ Dome Pendant Variant has two binary input and one binary output. These are connected using the Alarm I/O connections on the camera.

Binary input

The binary input is operated by connecting the Input directly to GND:
• 10kΩ Pull up input to 3.3V
• Normally high

The input must be configured on the Web Configuration pages to ensure correct behavior.

Binary output

The binary output is a solid state open collector output:
• Max load voltage: 5V AC/DC
• Max current carrying capacity: 30mA

The binary output is not polarity sensitive and is normally open. This can be configured on the Web Configuration pages.

4. OPERATIONS

This chapter describes common tasks required for the operation of the BX 4MP PTZ Dome Pendant Variant.

Micro SD Card Installation

![Micro SD card slot](image)

1. Remove the 3 camera screws (6) and open the camera dome (7).
2. Unscrew and remove the privacy shroud.
3. Insert the Micro SD card into the slot (8).
4. Replace the privacy shroud.
5. Place the camera dome back over the device and replace the 3 camera screws.

Reset to factory defaults

You can reset the camera settings to factory defaults using the following methods:
1. Remove the 3 camera screws (6) and open the camera dome (7).
2. Unscrew and remove the privacy shroud.
3. Press and hold the Reset button (9) on the camera for ten seconds.
4. Replace the privacy shroud.
5. Place the camera dome back over the device and replace the 3 camera screws.
6. Click Diagnostics > Maintenance > Full Restore on the camera's Configuration pages.