**INDIGOVISION**

**HD ADAPTIVE IR PTZ CAMERA**

**BX RANGE**

**QUICK START GUIDE**

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**PACKAGE CONTENTS**

**Contents**
- 1 x HD Adaptive IR PTZ camera
- Safety lanyard
- 1 x 1.5” outright thread adapter
- 3 x M6 screws
- 1 x Spring washer
- 1 x Wall mount bracket
- 1 x Waterproof mount seal
- 1 x M4 folding screw
- Waterproof RJ45 connector kit
- Thread tape
- Allen key

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**CONNECTIONS**

**Figure 1 Cable connections**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN 1</td>
<td>Red</td>
</tr>
<tr>
<td>IN 2</td>
<td>Brown</td>
</tr>
<tr>
<td>IN 3</td>
<td>Gray</td>
</tr>
<tr>
<td>IN 4</td>
<td>Light Green</td>
</tr>
<tr>
<td>IN 5</td>
<td>Purple</td>
</tr>
<tr>
<td>IN 6</td>
<td>White</td>
</tr>
<tr>
<td>IN 7</td>
<td>Yellow/Black</td>
</tr>
</tbody>
</table>

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**SAFETY**

**Warning**
- Ensure the power supply is switched off during installation.
- When installing the mount, fasten it securely to the surface. A falling camera may cause personal injury.
- Ensure the safety lanyard is secured correctly between the camera and mount. A falling camera may cause personal injury.

**Caution**
- Only install in suitable environments. For more information, see the User Guide.
- Handle the camera with care so the main electronics and components are not damaged.
- For security reasons, you must change the camera’s default username and password.
- Ensure each camera has a unique IP address.
- When handling the camera, support the dome body. Do not hold the camera by the cable bundle.

**Notices**

Read this guide before installing the camera.

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**REGULATORY**

- EN 55022 Class A
- EN 61000-3-2
- EN 61000-3-3
- FCC Part 15 Subpart B Class A
- EN 50130-4
- EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11
- IEC60068-2-27 (Shock)
- IEC60068-2-6 ( sine Vibration)
- UL60950-22

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**CONTACT ADDRESS**

CHARLES DAVIN HOUSE,
EDINBURGH TECHNOPOLY,
EDINBURGH, EH26 0PY, UK

**FURTHER INFORMATION**

YOU CAN DOWNLOAD A COPY FROM:
WWW.INDIGOVISION.COM/HD-ADAPTIVE-IR-PTZ-CAMERA-QUICKSTARTGUIDE

ALTERNATIVELY, SCAN THE QR CODE BELOW.
1. POWERING UP THE CAMERA

The camera is a Hi-PoE (60W) (Power over Ethernet) powered device. It must be powered using an IndigoVision POE+ Injector only, 75W POE+ (Part Number 130176).

If Hi-PoE (60W) is not available the camera can be powered using the auxiliary power.
The camera can be powered by the following:
- PoE injector/midspan
- Auxiliary power supply
- Camera only: 24V AC at 2A initial startup and resting at 1A with a maximum power of 20 Watts
- Including the heater: 24V AC (at 3A) with a maximum power of 43 Watts

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 a 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>Default Username</th>
<th>Admin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default Password</td>
<td>1234</td>
</tr>
<tr>
<td>Default IP Address</td>
<td>10.5.1.10</td>
</tr>
<tr>
<td>Default Subnet Mask</td>
<td>255.0.0.0</td>
</tr>
<tr>
<td>Default Gateway</td>
<td>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 > System > General > TCIP/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. INSTALLATION

Fixing the mount
The HD Adaptive IR PTZ camera can be mounted using a Wall mount bracket or back box.

Use the bracket base as a template to mark a mounting position on the required surface, and then affix the bracket to the surface using expansion bolts.

Fitting the camera to the mount
1. Apply thread taps (3) to the thread of the straight thread adapter (4), and screw it into the socket of the Wall mount (1).
2. Secure the straight thread adapter using the M4 screw (2).
3. Connect the Safety lanyard to the mount (6).
4. Run the cables through the mount, and connect them to the camera.
5. Align the straight edges of the camera attachment and the straight thread adapter, then insert the camera attachment into the NPT adapter.
6. Screw the M6 (5) screws with spring washer into the hole on the straight edge of the straight thread adapter.
7. Secure the camera to the straight thread adapter using the remaining M6 screws.

4. OPERATIONS

Installing a Micro SD card
1. Remove the switch panel cover (2) on the rear of the camera.
2. Insert a micro-SD card into the card slot (1).
3. Reattach the switch panel cover.

Figure 3 Installing the micro SD card
Figure 2 Installing the camera
Figure 1 Installing the camera