INDIGOVISION
FISHEYE CAMERA
BX RANGE
QUICK START GUIDE

CONTACT ADDRESS

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FURTHER INFORMATION

FOR FURTHER INFORMATION, SEE THE PARTNER PORTAL:

HTTPS://PARTNERS.INDIGOVISION.COM

ALTERNATIVELY, SCAN THE QR CODE BELOW.

PACKAGE CONTENTS

BX Fisheye Camera

Camera

1. Dome body

Additional

- 1 x Waterproof RJ45 connector kit
- 1 x Screw kit (3 x screws, 3 x rawlplugs)
- 1 x Installation template
- 1 x Camera quick release plate

FISHEYE CAMERA CONNECTIONS

The Fisheye camera is fitted with a preterminated cable bundle for easy installation.

Cable bundle

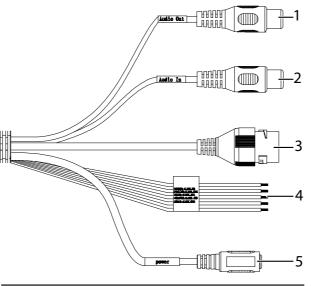**Figure 1** Fisheye camera cable bundle

Table 1: Connections

No.	Definition
1	Audio output (RCA)
2	Audio input (RCA)
3	Ethernet port (RJ45)
4	I/O ports
5	DC 12V input power

Table 2: I/O port wiring

No.	Port	Description
1	ALARM_NO	Alarm output port (Normal open)
		Must be used with ALARM_COM port
2	ALARM_COM	Alarm output public port
3	ALARM_IN1	Alarm input port 1
4	ALARM_IN2	Alarm input port 2
5	GND	Ground port

SAFETY NOTICES

Warning

⚠ *Ensure 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 install in suitable environments. For more information, see the User Guide.*

⚠ *Using the incorrect voltage can irrevocably damage the camera. Ensure that the correct voltage is used for the auxiliary power supply.*

⚠ *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.*

Notices

Read this guide before installing the camera.

REGULATORY

- EN 55022 Class A
- EN 61000-3-2, EN 61000-3-3
- EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11
- FCC Part 15, Subpart B Class A
- EN 50130-4
- IEC60068-2-27 (Shock), IEC60068-2-6 (Sine Vibration)
- UL60950-1

1. POWERING UP THE CAMERA

The camera is a Power Over Ethernet (PoE) - Class 0 powered device compliant with the IEEE802.3af standard.

The camera can be powered by the following:

- Power over Ethernet (PoE) switch
- PoE injector/midspan
- 12V DC 1.1A 13W

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 3: Default network settings

Default Username	Admin
Default Password	1234
Default IP Address	10.5.1.10
Default Subnet Mask	255.0.0.0
Default Gateway	10.0.0.1

3. Enter the NTP server on the **Date & Time** menu.
4. Enter a new IP address and subnet mask on the **Network** menu.
5. Select the maximum video frame rate for your country using the **TV System** option on the **Video > Advanced** menu.

   Choose **25/50fps (PAL)** for countries with 50Hz power frequency and **30/60fps (NTSC)** for countries with 60Hz power frequency.

3. INSTALLATION

After you have configured your camera's IP settings, you are ready to install it in its final position.

BX Fisheye Camera installation

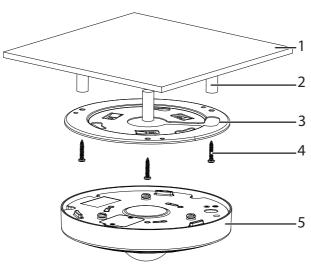The BX Fisheye Camera can be installed directly on a wall or ceiling with the Quick installation board bracket.

Figure 2 Fisheye camera

Mounting the camera

1. Fix the Installation template in the correct location with the correct orientation for the surface, for example, ceiling or wall.
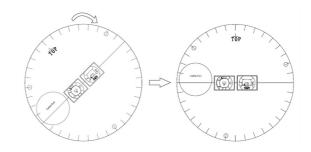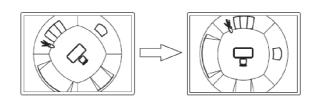

Figure 3 Installation template
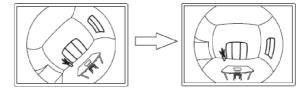

Figure 4 Ceiling positioning

Figure 5 Wall positioning

2. Following the Installation template, drill 3 holes in the installation surface for the rawlplugs and one cable exit hole.

   The cable exit hole must be more than 28mm in diameter.

3. Insert the 3 rawlplugs (2) into the 3 holes in the installation surface and lock them firmly.
4. Pull the cable bundle through the cable exit hole.
5. Place the camera quick release plate (3) over the 3 rawlplugs lining these up with the holes in the bracket.
6. Insert the 3 ST3 self-tapping screws (4) into the 3 plastic rawlplugs and fasten them firmly.
7. Locate the small gap on the Dome body (5) and line this up with the TOP marking on the camera quick release plate.
8. Place the Dome body onto the camera quick release plate and rotate in a clockwise direction to secure it firmly.
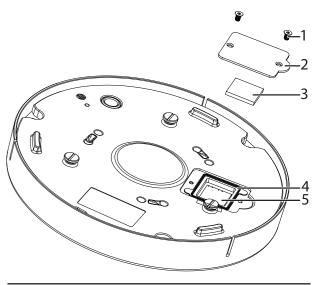
4. OPERATIONS

Micro SD Card Installation

Figure 6 Micro SD card slot

1. Using a cross-head screwdriver, unfasten the 2 screws (1) on the SD card cover (2).
2. Remove the silica gel ring (4) from underneath the SD card cover.
3. Insert the Micro SD card (3) into the card slot (5).
4. Replace the silica gel ring.
5. Tighten the 2 screws on SD card cover.

Notice *Do not replace the SD card more than once every 4 hours. Replacing the SD card too often an cause desiccant failure and abnormalities such as water ingress.*