AXIS 206/AXIS 206M Megapixel Network Camera

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AXIS 206/206M Network Camera Quick Installation Guide

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AXIS 206M
Megapixel Network Camera

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Power connector
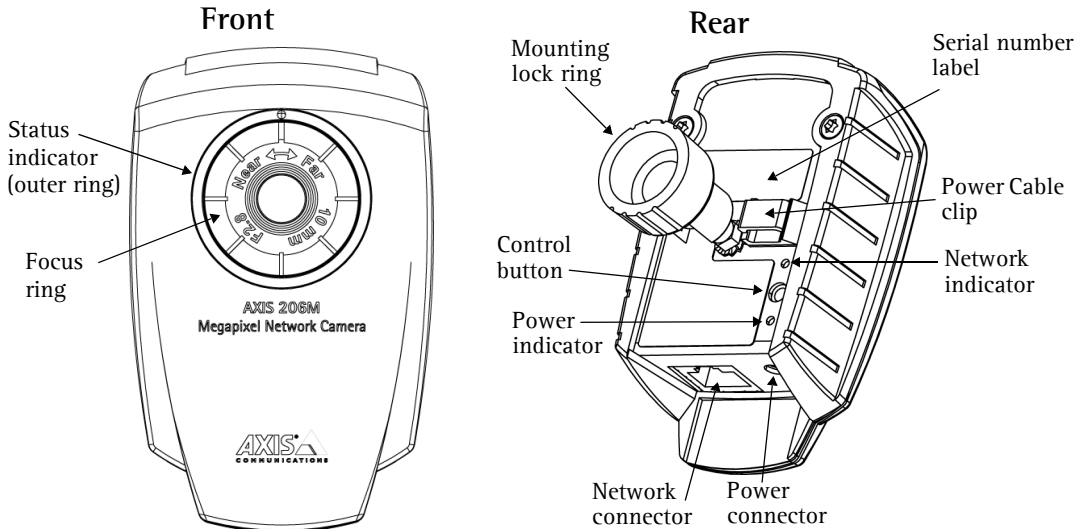
Follow these steps to install the AXIS 206/206M on your local network (LAN):

1. Familiarize yourself with the camera (this page).

2. Connect the camera - see *Cable Connections,* on page 4.

3. Assign an IP address - see *Installation Methods,* on page 4.

For more information, please see the User's Manual, which is available on the CD included in this package. Updated versions can be obtained from **www.axis.com**

Package Contents

Item	Notes
Network Camera	AXIS 206/206M.
Power adapter	The adapter is country-specific. Please check that the adapter is correct for your location.
Camera stand	Supplied with 3 mounting screws. The extension section is ready fitted.
Cable clip	Fixes to back panel for holding power cable.
CD	Documentation and software.
Printed Materials	• AXIS 206/206M Quick Installation Guide • Axis Warranty Document

Mounting

Wall mounting

1. If required, use the 3 supplied screws to fix the base plate to a flat surface.

2. To use the shorter stand, unscrew the lock ring to release the camera, and remove the extension section.

3. Re-attach the camera, adjust the angle and gently tighten the lock ring.

Lock ring
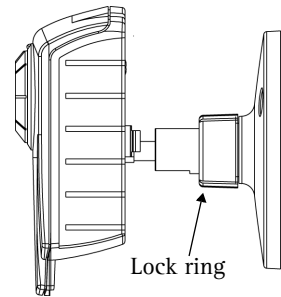
Important!

The AXIS 206/206M is designed for **indoor use only**, and must always be positioned where it is not exposed to direct sunlight or strong halogen light, which can cause permanent damage to the camera's image sensor. Damage as a result of exposure to strong light is not covered by the Axis warranty.

Cable Connections

1. Using the self-adhesive strip, attach the supplied cable clip to the rear panel and fasten the power cable to it. This will prevent accidental cable disconnection.

2. Connect the power adapter to the camera.

3. Connect the AXIS 206/206M to the network using a standard RJ-45 network cable.

Installation Methods

The AXIS 206/206M is designed for installation on an Ethernet network. This involves assigning it an IP address, automatically (via e.g. DHCP) or manually. Several installation methods are available. The one to use depends on how your network is configured. If unsure of the method to use, please consult your network administrator, or see the documentation for your network.

- If you are using e.g. a home broadband router, you may find it convenient to view the router's administration pages to discover which IP address has been assigned to your AXIS 206/206M. Please consult the router's documentation for further information.

- If your network has an Internet connection (with no HTTP proxy) and uses a DHCP server to assign IP addresses, use the **One-Click installation procedure**. See page 5.

- If your network uses automatic IP addressing (DHCP) and your computer uses the UPnP™ service, the AXIS 206/206M will automatically be detected and displayed on your screen. See page 6 for more information.

- Use the **AXIS IP Utility** (see page 6) to discover the IP address. This can also be used to set the IP addess manually.

- Set the IP address manually with the **ARP/Ping** method, as described on page 7.

One-click Installation

Requirements:

Computer on a LAN	AXIS 206/206M	Broadband router/modem providing automatic IP addressing	Internet
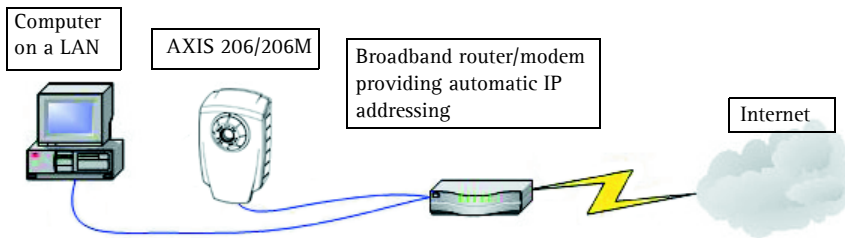
The AXIS Internet Dynamic DNS Service

- The One-click installation procedure uses the AXIS Internet Dynamic DNS Service. This free service allows you to quickly and simply install your camera, which then receives a static name (DNS name). More information about the AXIS Internet Dynamic DNS Service is available at www.axiscam.net

- Please note that this procedure will send the AXIS 206/206M's IP address, firmware version, product type and serial number to the Axis Internet Dynamic DNS Service. No personal information is transferred.

- To remove the DNS name and unregister from the Axis Internet Dynamic DNS Service, open the **Setup** pages in the AXIS 206/206M, click **System Options > Network > TCP/IP,** click the **Settings** button for the AXIS Internet Dynamic DNS Service and finally, click the **Remove** button.

Follow these instructions:

1. Once the network and power cables have been connected, wait for the Status indicator to show a steady green.

2. Now press the Control button on the rear of the camera once. The Status indicator on the front of the camera will blink green while it connects to the **AXIS Internet Dynamic DNS Service.**

3. Wait for the Status indicator to go back to showing a steady green.

4. To complete the installation, now visit **www.axiscam.net** from an Internet connected PC. This must be done within 60 minutes of pressing the Control button.

5. Follow the on-screen instructions provided by the AXIS Internet Dynamic DNS Service.

6. Please see page 7 for instructions on how to set the language and the password.

Notes:

- You will need the camera's serial number (S/N) to perform the installation. This is found on the label on the rear panel. See page 3.
- If this installation was unsuccessful, try one of the other methods described on the following pages.

UPnP™

UPnP™ functionality is enabled by default in the AXIS 206/206M. If also enabled on your computer (Windows ME or XP), the camera will automatically be detected and a new icon will be added to "My Network Places." Click this icon to access the AXIS 206/206M. See page 7 for instructions on how to set the language and password.

Notes:

- To install the UPnP™ service on your computer, open the Control Panel from the **Start Menu** and select **Add/Remove Programs**. Select **Add/Remove Windows Components** and open the **Networking Services** section. Click **Details** and then select **UPnP** as the service to add.
- Once the AXIS 206/206M is accessible from your computer, it is then possible to use the One-click installation method to provide the camera with a DNS name. See the previous page.

UPnP™ is a certification mark of the UPnP™ Implementers Corporation.

AXIS IP Utility

Requirements:

AXIS 206/206M

Computer on a LAN

Hub/Switch

AXIS IP Utility 2.0 is a free Windows application that discovers and displays Axis devices on your network. The application can also be used to manually set a static IP address. AXIS IP Utility 2.0 is available on the CD supplied with this package.
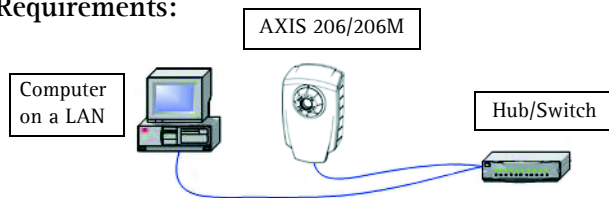
Automatic discovery

1. Check that the network and power cables are connected to the AXIS 206/206M.

2. Insert the CD into your computer's CD drive.

3. Start AXIS IP Utility. When the AXIS 206/206M appears in the window, double-click it to open its home page.

Set the IP address manually

1. If the AXIS 206/206M does not appear in the window, click the **Refresh** button to try again. If the camera still does not appear, you can set the IP address manually. Acquire an unused IP address on the same subnet as your computer.

2. Click the button "**Set IP address using serial number**" and enter the serial number (see page 3) and IP address for the AXIS 206/206M. Follow the on-screen instructions.

Note:

After using the AXIS IP Utility, the One-click installation method can be used to obtain a DNS name for the AXIS 206/206M.

Manual Installation with ARP/Ping

1. Acquire an unused IP address for the AXIS 206/206M. This IP address must be on the same subnet as your computer.

2. Locate the serial number (S/N) on the camera's rear label.

3. From a computer on your network, open a Command Prompt (in Windows: from the Start menu, select Run... and type **cmd** in the field. Click **OK**).

4. As appropriate for your operating system, enter the following commands:

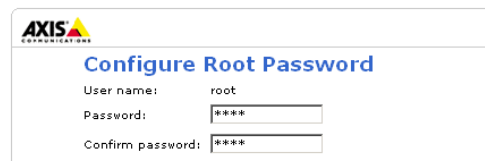| **Windows syntax**:	Windows example:
`arp -s <IP Address> <Serial Number>` `ping -l 408 -t <IP Address>`	`arp -s 192.168.0.125 00-40-8c-18-10-00` `ping -l 408 -t 192.168.0.125`
UNIX/Linux/Mac syntax:	UNIX/Linux/Mac example:
`arp -s <IP Address> <Serial Number> temp` `ping -s 408 <IP Address>`	`arp -s 192.168.0.125 00:40:8c:18:10:00 temp` `ping -s 408 192.168.0.125`

5. Check that the network cable is connected. Start/restart the camera by disconnecting and reconnecting the power cable.

6. Close the Command prompt when you see 'Reply from 192.168.0.125: ...'

7. The IP address has been set when the Power indicator is permanently lit and the Network indicator flashes intermittently.

8. Start your browser, enter the IP address of the camera in the Location/Address field and press **Enter** on your keyboard. See below for further instructions.

Note:

After installation, the One-click installation method can be used to obtain a DNS name for the AXIS 206/206M.

Set the language and password

When accessing the AXIS 206/206M for the first time, the language can be changed and the "root" password must be configured.

AXIS

Configure Root Password
User name: root
Password: ****
Confirm password: ****

1. Select the language from the available options, by clicking the appropriate flag.

2. Now enter a password and then re-enter it to confirm the spelling. Click **OK**.

3. The '**Enter Network Password**' dialog will appear. Enter the user name: **root**

   Note: The default administrator user name **root** is permanent and cannot be deleted.

4. Enter the password as set in step 2 above, and click **OK**. If the password is lost, the AXIS 206/206M must be reset to the factory default settings. See below.

5. If required, click **Yes** to install the AXIS Media Control (AMC). You will need administrator rights on the computer to do this.

6. The **Live View** page of the AXIS 206/206M is displayed, with links to the Setup tools that enable you to customize the camera to your specific needs.

Live View - Shows live video from the camera.

Setup - Provides all the tools needed to set up the camera to your requirements.

Help - Displays online help on all aspects of using the camera.

Accessing the AXIS 206/206M from the Internet

Once installed, your AXIS 206/206M is accessible on your local network (LAN). To access the camera from the Internet you must configure your broadband router to allow incoming data traffic. For security reasons this is usually done on a specific port. Please refer to the documentation for your broadband router for further instructions.

For more information, please visit the AXIS Internet Dynamic DNS Service at www.axiscam.net or, for Technical notes on this and other topics, visit the Axis Support Web at www.axis.com/techsup

Resetting to the Factory Default Settings

This will reset all parameters, including the IP address, to the Factory Default settings:

1. Disconnect the power cable.

2. Press and hold the Control button (rear panel) and reconnect the power cable.

3. Keep the button pressed until the Status Indicator displays yellow (this may take up to 15 seconds), then release the button.

4. When the Status indicator displays green (which can take up to 1 minute) the camera is reset to the factory default settings.

5. Re-install the AXIS 206/206M using one of the methods described in this document.