

AXIS
COMMUNICATIONS
AXIS P1245 Mk II Modular
Camera



AXIS P1245 Mk II Modular Camera Installation Guide

[Home](#) » [AXIS](#) » [AXIS P1245 Mk II Modular Camera Installation Guide](#) 

Contents

- [1 AXIS P1245 Mk II Modular Camera](#)
- [2 Product Usage Instruction](#)
- [3 Safety information](#)
- [4 Transportation](#)
- [5 Liability](#)
- [6 Regulatory information](#)
- [7 Electromagnetic compatibility](#)
- [8 Warranty information](#)
- [9 Cybersecurity](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)



AXIS P1245 Mk II Modular Camera



Specifications

- Product Series: AXIS P12 Mk II Modular Camera
- Models: ACaXmISerPa1245 Mk II (Standard), ACaXmISerPa1265 Mk II (Pinhole), ADoXmISePC1a2m7e5raMk II (Varifocal)
- Legal Considerations: Check local laws before using for surveillance purposes
- Intellectual Property: Patents listed at axis.com/patent, licensed third-party software
- Trademark Acknowledgements: AXIS COMMUNICATIONS, Apple, Apache, Bonjour, etc.
- Regulatory Compliance: CE marking directives, EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU and 2015/863

Product Usage Instruction

Installation Guide

Read through the installation guide carefully before installing the product. Keep it for future reference.

Legal Considerations

Ensure compliance with local laws regarding video surveillance before using the product for surveillance purposes.

Intellectual Property Rights

Axis AB holds intellectual property rights related to the technology in the product. Contact your reseller for additional licenses.

Equipment Modifications

Install and use the equipment according to the user documentation. Unauthorized modifications may void regulatory certifications..

Frequently Asked Questions (FAQ)

Q: Can this camera series be used for outdoor surveillance?

A: The suitability of the camera for outdoor use depends on the specific model. Refer to the product specifications or contact customer support for more information.

Safety information

Hazard levels

- **DANGER**

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

- **WARNING**

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

- **CAUTION**

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

- **NOTICE**

Indicates a situation which, if not avoided, could result in damage to property.

Other message levels

Important

Indicates significant information which is essential for the product to function correctly.

Note

Indicates useful information which helps in getting the most out of the product.

NOTICE

- The Axis product shall be used in compliance with local laws and regulations.
- Axis recommends using a shielded network cable (STP).
- Axis recommends using a network cable of category CAT5e or higher.
- Store the Axis product in a dry and ventilated environment.
- Avoid exposing the Axis product to shocks or heavy pressure.
- Avoid exposing the Axis product to vibration.
- Do not install the product on unstable poles, brackets, surfaces or walls.
- Do not install the product on vibrating poles, brackets, surfaces or walls.
- Use only applicable tools when installing the Axis product. Using excessive force with power tools could cause damage to the product.
- Do not use chemicals, caustic agents, or aerosol cleaners.
- Use a clean cloth dampened with pure water for cleaning.
- Use only accessories that comply with the technical specification of your product.
- These can be provided by Axis or a third party. Axis recommends using Axis power source equipment compatible with your product.
- Use only spare parts provided by or recommended by Axis.
- Do not attempt to repair the product yourself. Contact Axis support or your Axis reseller for service matters.

Transportation**NOTICE**

- When transporting the Axis product, use the original packaging or equivalent to prevent damage to the product.

Battery

The Axis product uses a 3.0 V BR1220/BR1225 lithium battery as the power supply for its internal real-time clock (RTC). Under normal conditions this battery will last for a minimum of five years. Low battery power affects the operation of the RTC, causing it to reset at every power-up.

When the battery voltage is low, a log message will appear in the product's server report.

CAUTION

Do not replace the battery yourself. Contact Axis support if the log message requests a battery change. Lithium coin cell 3.0 V batteries contain 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME), CAS no. 110-71-4.

Read this first

Read through this installation guide carefully before you install the product. Keep the installation guide for future reference.

Legal considerations

Video surveillance can be regulated by laws that vary from country to country. Check the laws in your local region before using this product for surveillance purposes.

This product includes the following licenses:

- one (1) H.264 decoder license
- one (1) H.265 decoder license

To purchase further licenses, contact your reseller.

Liability

Every care has been taken in the preparation of this document. Please inform your local Axis office of any inaccuracies or omissions. Axis Communications AB cannot be held responsible for any technical or typographical errors and reserves the right to make changes to the product and manuals without prior notice. Axis Communications AB makes no warranty of any kind with regard to the material contained within this document, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Axis Communications AB shall not be liable nor responsible for incidental or consequential damages in connection with the furnishing, performance or use of this material. This product is only to be used for its intended purpose.

Intellectual property rights

Axis AB has intellectual property rights relating to technology embodied in the product described in this document. In particular, and without limitation, these intellectual property rights may include one or more of the patents listed at axis.com/patent and one or more additional patents or pending patent applications in the US and other countries.

This product contains licensed third-party software. See the third-party license information in the product's user interface for more information.

This product contains source code copyright Apple Computer, Inc., under the terms of Apple Public Source License 2.0 (see opensource.apple.com/apsl/). The source code is available from developer.apple.com/bonjour/

Equipment modifications

This equipment must be installed and used in strict accordance with the instructions given in the user documentation. This equipment contains no user-serviceable components. Unauthorized equipment changes or modifications will invalidate all applicable regulatory certifications and approvals.

Trademark acknowledgments

AXIS COMMUNICATIONS, AXIS, ARTPEC and VAPIX are registered trademarks of Axis AB in various jurisdictions. All other trademarks are the property of their respective owners.

Apple, Apache, Bonjour, Ethernet, Internet Explorer, Linux, Microsoft, Mozilla, Real, SMPTE, QuickTime, UNIX, Windows, and are registered trademarks of the respective holders. Java and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates. The UPnP Word Mark and UPnP Logo are trademarks of Open Connectivity Foundation, Inc. in the United States or other countries.



and microSDXC Logos are trademarks of SD-3C LLC. microSD, microSDHC, microSDXC are trademarks or registered trademarks of SD-3C, LLC in the United States, other countries or both.

Regulatory information

Europe

This product complies with the applicable CE marking directives and harmonized standards:

Electromagnetic Compatibility

(EMC) Directive 2014/30/EU. See Electromagnetic compatibility (EMC) on page 2 .

- Low Voltage Directive (LVD) 2014/35/EU. See Safety on page 3 .
- Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU and 2015/863, including any amendments, updates or replacements. See Disposal and recycling on page 3 .

A copy of the original declaration of conformity may be obtained from Axis Communications AB. See Contact information on page 4 .

Electromagnetic compatibility

(EMC)

This equipment has been designed and tested to fulfill applicable standards for:

- Radio frequency emission when installed according to the instructions and used in its intended environment.
- Immunity to electrical and electromagnetic phenomena when installed according to the instructions and used in its intended environment.

USA

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested using an unshielded network cable (UTP) and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. This equipment has also been tested using a shielded network cable (STP) and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Contact information

- Axis Communications Inc.
- 300 Apollo Drive
- Chelmsford, MA 01824
- United States of America
- Tel: +1 978 614 2000

Canada

This digital apparatus complies with CAN ICES-3 (Class A). The product shall be connected using a shielded network cable (STP) that is properly grounded.

Europe

This digital equipment fulfills the requirements for RF emission according to the Class A limit of EN 55032. The product shall be connected using a shielded network cable (STP) that is properly grounded. Notice! This is a Class

A product. In a domestic environment this product may cause RF interference, in which case the user may be required to take adequate measures.

Australia/New Zealand

This digital equipment fulfills the requirements for RF emission according to the Class A limit of AS/NZS CISPR 32. The product shall be connected using a shielded network cable (STP) that is properly grounded. Notice! This is a Class A product. In a domestic environment this product may cause RF interference, in which case the user may be required to take adequate measures.

Safety

This product complies with IEC/EN/UL 62368-1 ed. 3, safety of audio/video and IT equipment for indoor use. When used with Power over Ethernet (PoE), the Power Sourcing Equipment (PSE) shall comply with IEEE 802.3af and Limited Power Source (LPS) according to annex Q of IEC/EN/UL 62368-1. We recommend the use of Axis midspans or Axis PoE switches.

Disposal and recycling

When this product has reached the end of its useful life, dispose of it according to local laws and regulations. For information about your nearest designated collection point, contact your local authority responsible for waste disposal. In accordance with local legislation, penalties may be applicable for incorrect disposal of this waste.



Europe

This symbol means that the product shall not be disposed of together with household or commercial waste. Directive 2012/19/EU on waste electrical and electronic equipment (WEEE) is applicable in the European Union member states. To prevent potential harm to human health and the environment, the product must be disposed of in an approved and environmentally safe recycling process.

- For information about your nearest designated collection point, contact your local authority responsible for waste disposal. Businesses should contact the product supplier for information about how to dispose of this product correctly.

This product complies with the requirements of Directive 2011/65/EU and 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

- This product complies with the requirements of SJ/T 11364-2014, Marking for the restriction of hazardous substances in electrical and electronic products.

Contact information

Axis Communications AB
223 69 Lund

Sweden

Tel: +46 46 272 18 00
Fax: +46 46 13 61 30 axis.com

Warranty information

For information about Axis' product warranty and thereto related information, go to axis.com/warranty

Support

Should you require any technical assistance, please contact your Axis reseller. If your questions cannot be answered immediately, your reseller will forward your queries through the appropriate channels to ensure a rapid response. If you are connected to the Internet, you can:

- download user documentation and software updates
- find answers to resolved problems in the FAQ database, search by product, category, or phrase
- report problems to Axis support staff by logging in to your private support area
- chat with Axis support staff
- visit Axis Support at axis.com/support

Cybersecurity

Axis security notification service

Axis provides a notification service with information about vulnerability and other security related matters for Axis devices. To receive notifications, you can subscribe at axis.com/security-notification-service

Vulnerability management

To minimize customers' risk of exposure, Axis, as a Common Vulnerability and Exposures (CVE) numbering authority (CNA), follows industry standards to manage and respond to discovered vulnerabilities in our devices, software, and services. For more information about Axis vulnerability management policy, how to report vulnerabilities, already disclosed vulnerabilities, and corresponding security advisories, see axis.com/vulnerability-management

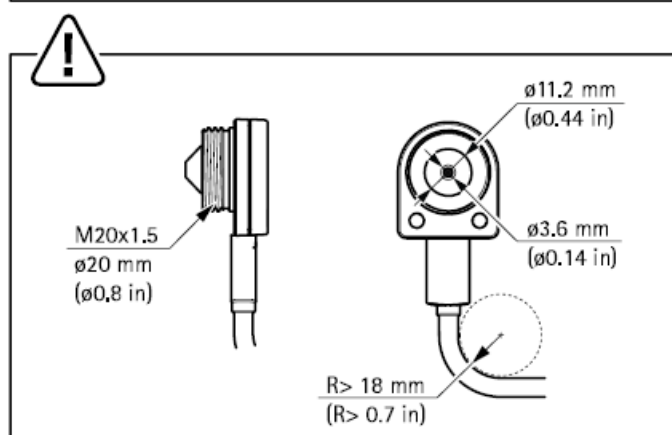
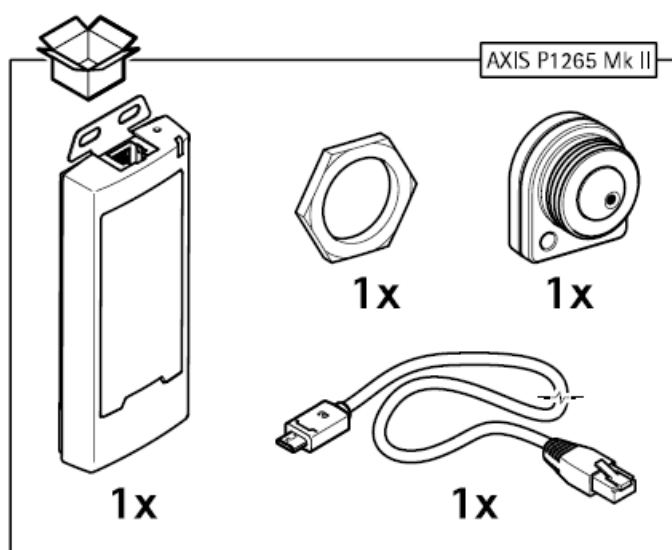
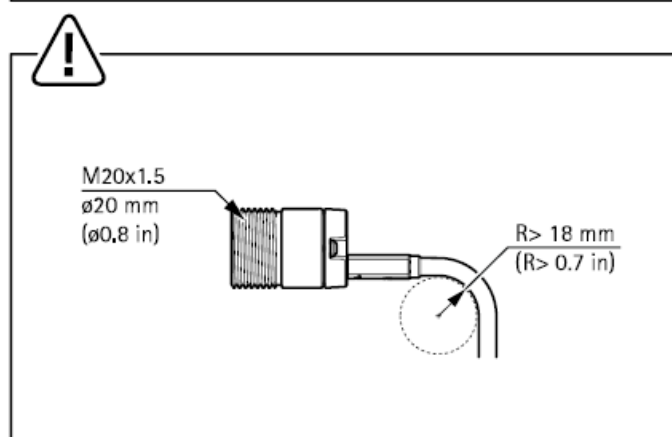
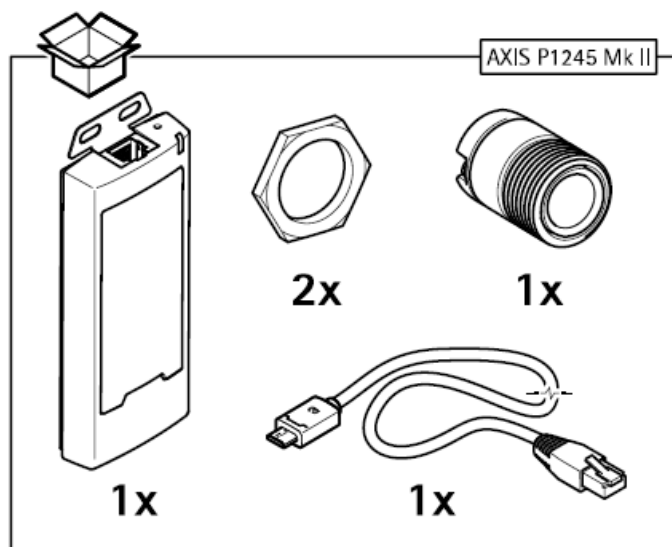
Secure operation of Axis devices

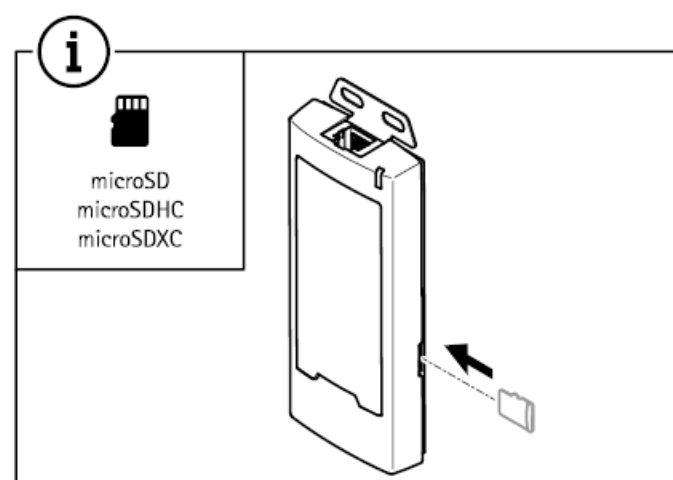
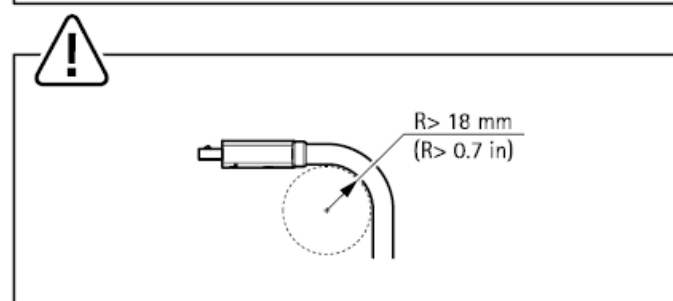
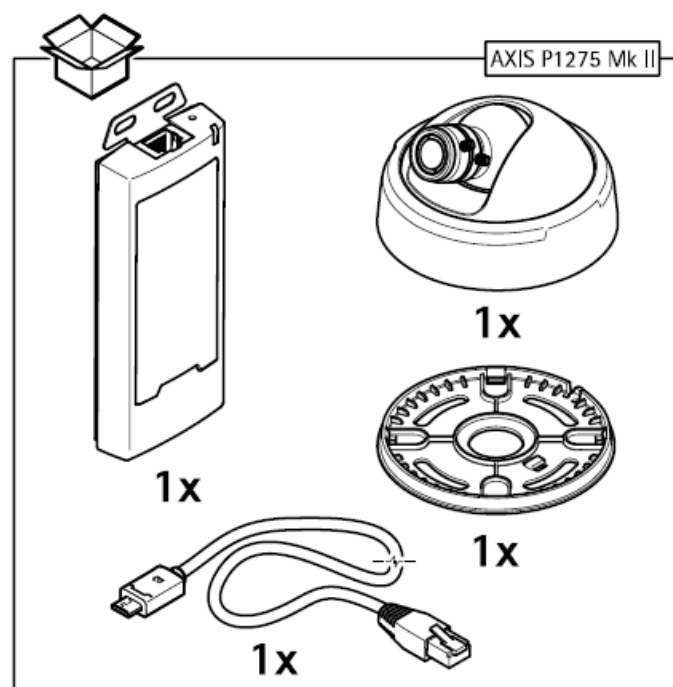
Axis devices with factory default settings are pre-configured with secure default protection mechanisms. We recommend using more security configuration when installing the device. To find out more about Axis hardening guides and other cyber security related documentation, go to axis.com/support/cybersecurity/resources

Learn more!

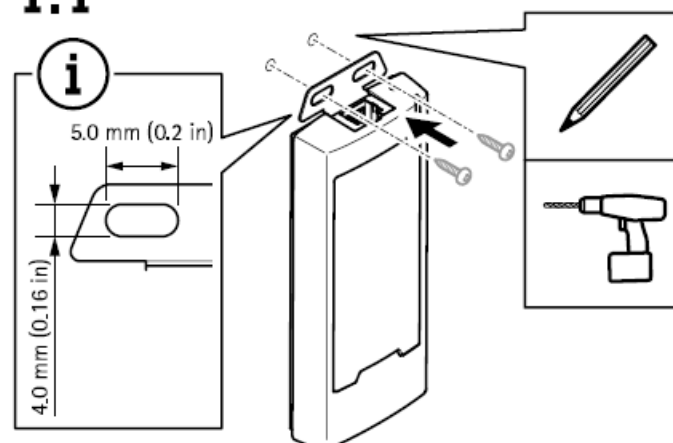
Visit Axis learning center axis.com/learning for useful trainings, webinars, tutorials and guides.

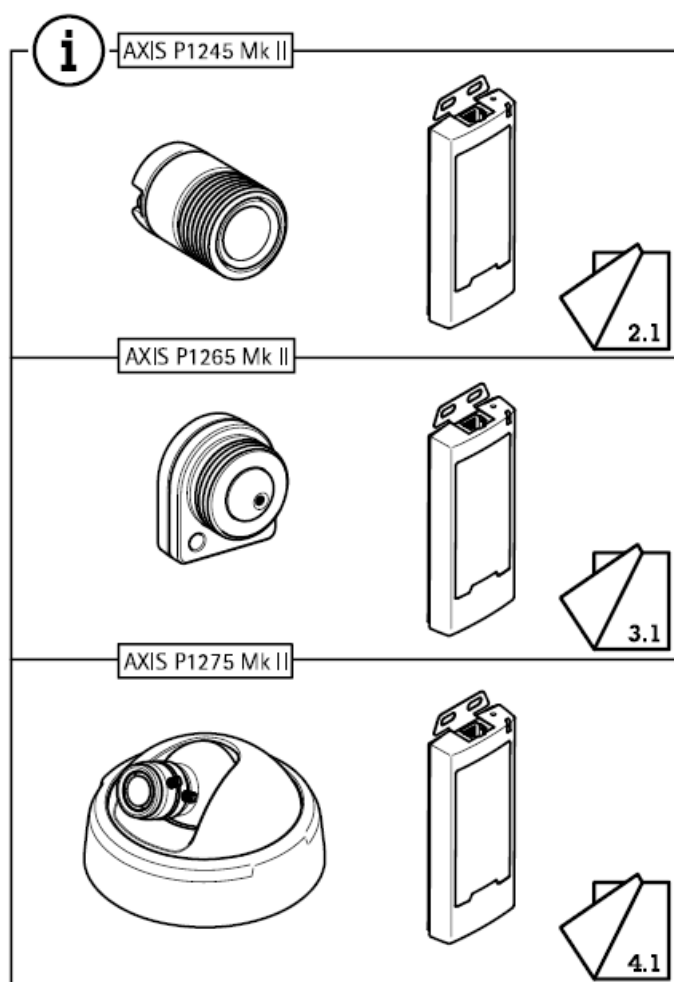
AXIS P12 Mk II Modular Camera Series



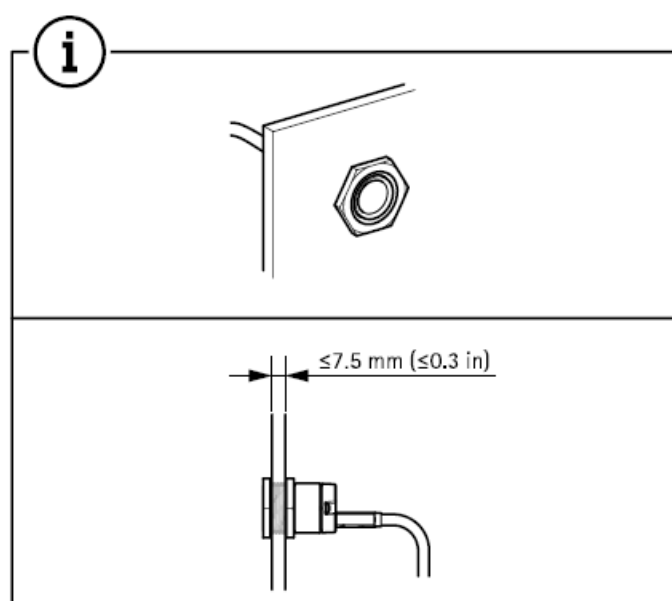
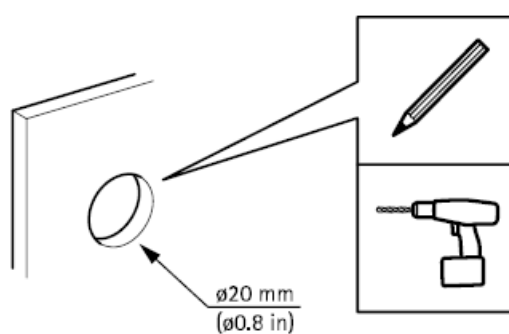


1.1

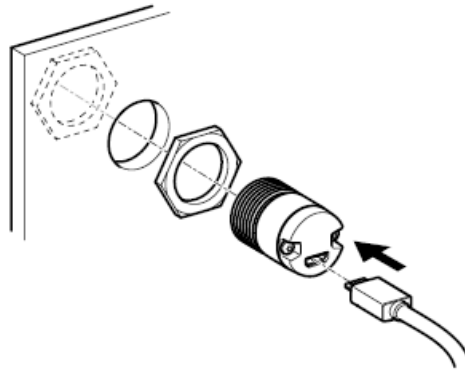




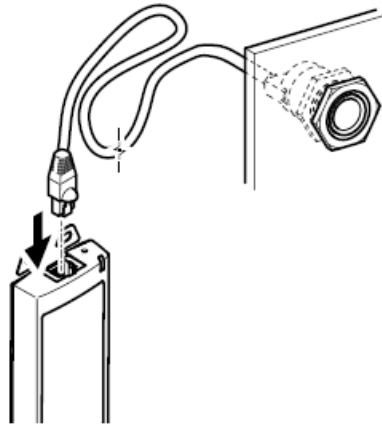
2.1



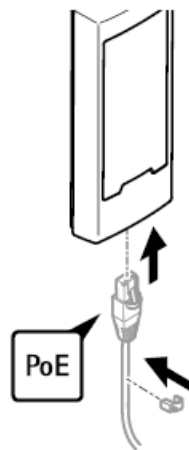
2.2



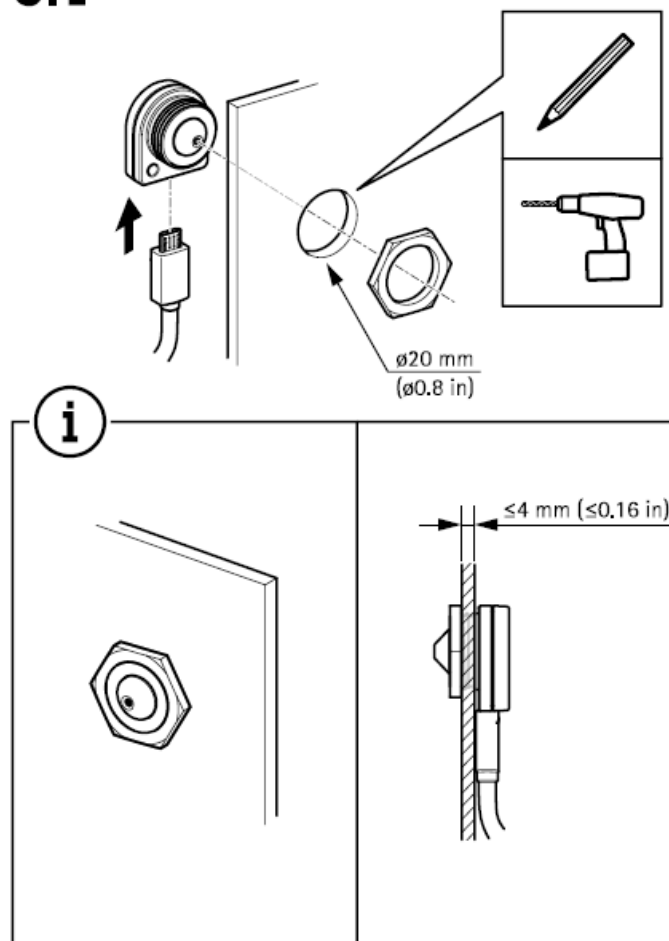
2.3



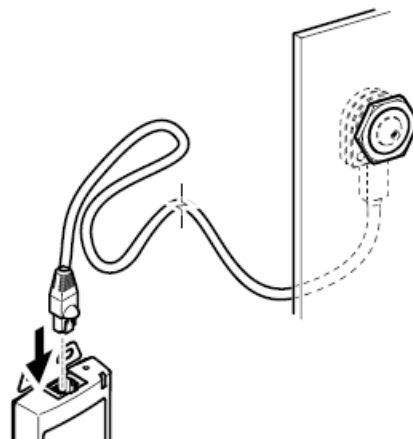
2.4



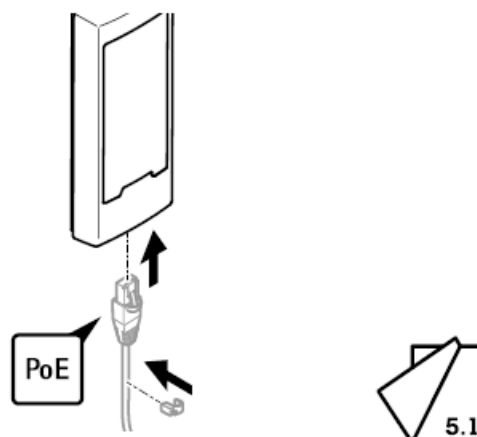
3.1



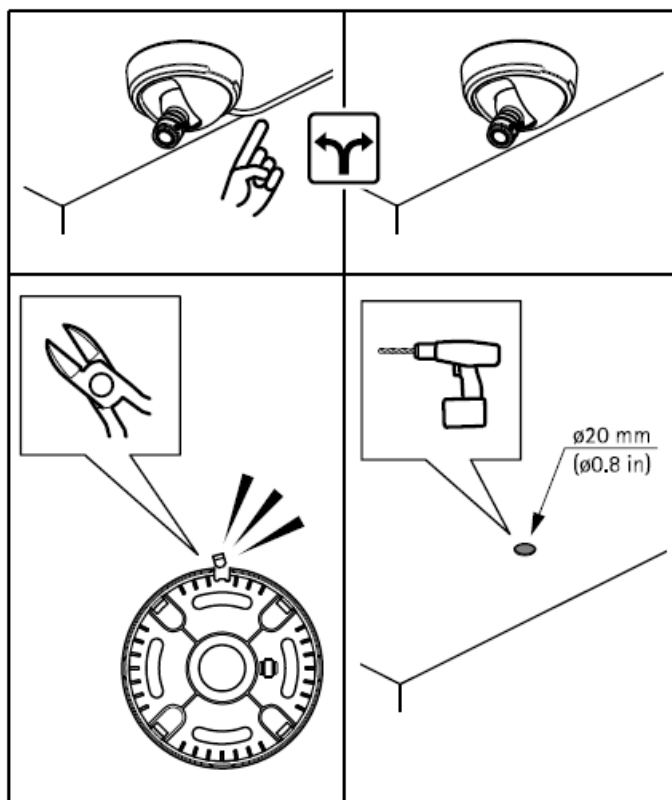
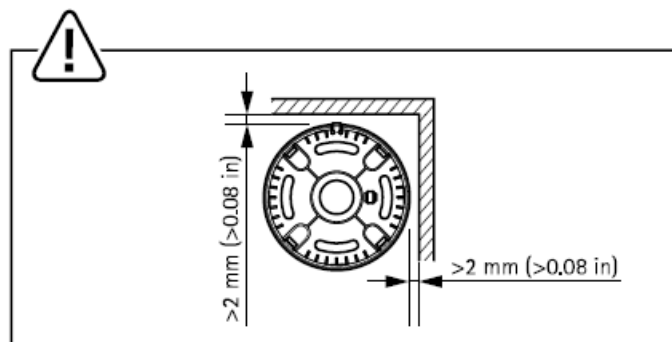
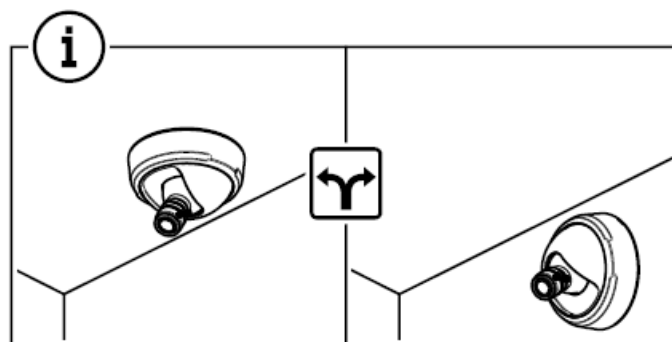
3.2



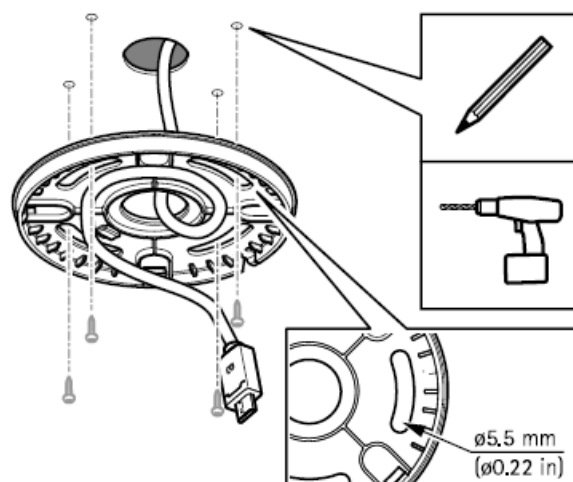
3.3



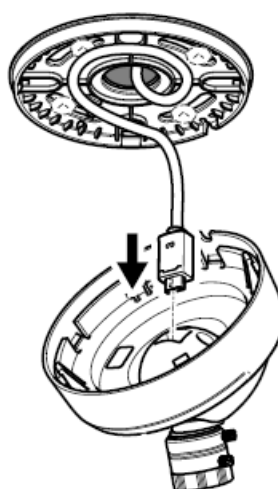
4.1



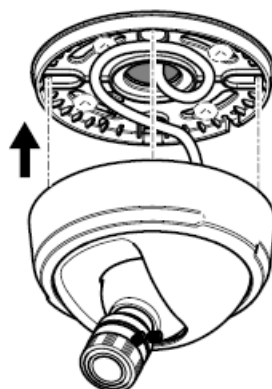
4.2



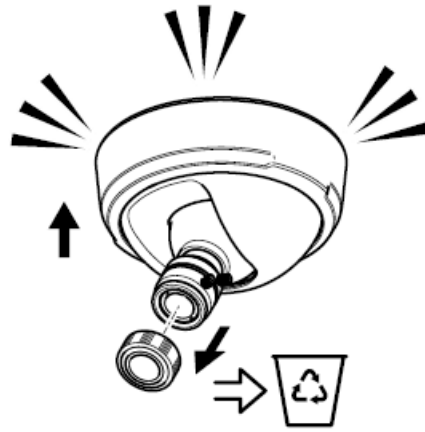
4.3



4.4



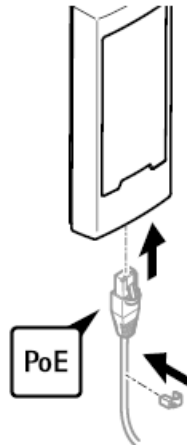
4.5



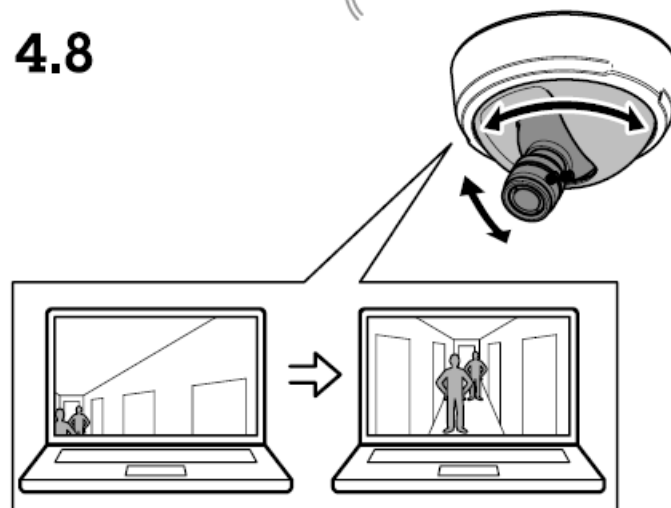
4.6

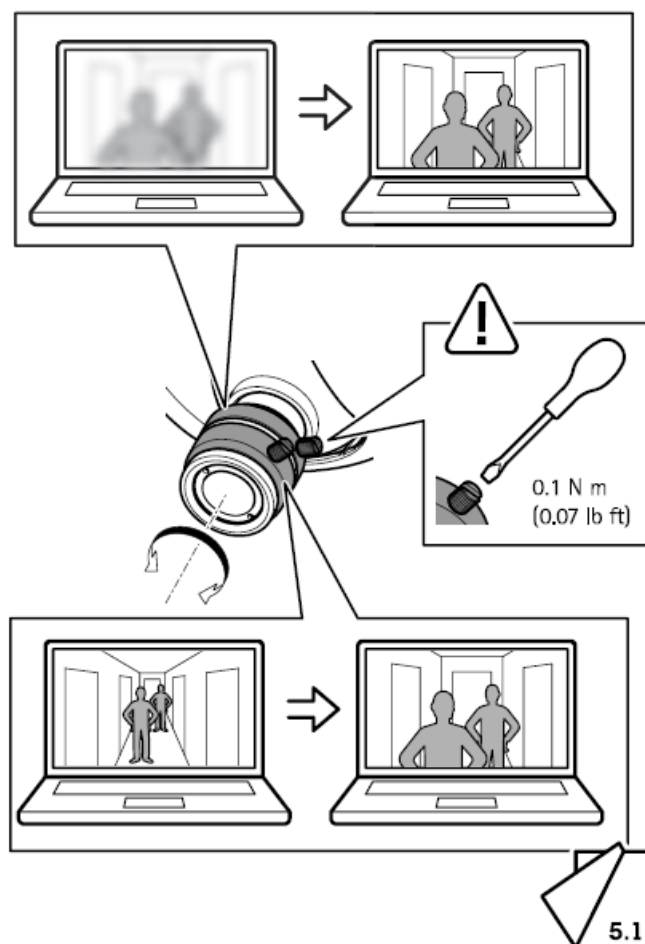


4.7



4.8






5.1









Installation guide
AXIS P12 Mk II Modular Camera Series © 2023 Axis Communications AB

Ver. M1.7
Date: December 2023 Part no. 2916102

Documents / Resources

<div> AXIS P12 Mk II Modular Camera Series AXIS P1245 Mk II Modular Standard Camera AXIS P1245 Mk II Modular Pinhole Camera AXIS P1215 Mk II Modular Vertical Dome Camera Installation guide</div>	<div>AXIS P1245 Mk II Modular Camera [pdf] Installation Guide P1245 Mk II Modular Camera, P1245 Mk II, Modular Camera, Camera</div>
---	--

References

-  [Axis Communications - Leader in network cameras and other IP networking solutions | Axis Communications](#)
-  [Learning | Axis Communications](#)
-  [Patent statement | Axis Communications](#)
-  [Axis Security Notification Service | Axis Communications](#)
-  [Welcome to Axis support | Axis Communications](#)
-  [Apple Open Source](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.