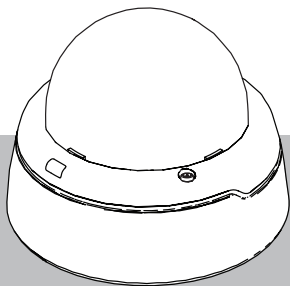




**BOSCH**

# **FLEXIDOME IP 5000i IR indoor | FLEXIDOME IP starlight 5000i IR indoor**

NDI-5503-AL-IN | NDI-5513-AL-IN | NDI-5502-AL-IN



## **Safety and security information**

English



## Safety information

Read, follow, and retain for future reference all of the following safety instructions. Follow all warnings before operating the device.

### Safety precautions

#### Caution!



Installation should only be performed by qualified service personnel in accordance with the National Electrical Code (NEC 800 CEC Section 60) or applicable local codes.

### Important safety instructions

- To clean the device, do not use liquid cleaners or aerosol cleaners.
- Do not install device near any heat sources such as radiators, heaters, stoves, or other equipment (including amplifiers) that produce heat.
- Do not spill liquids on the device.
- Take precautions to protect the device from power and lightning surges.
- Adjust only those controls specified in the operating instructions.
- Operate the device only from the type of power source indicated on the label.
- Unless qualified, do not attempt to service a damaged device yourself. Refer all servicing to qualified service personnel.
- Install in accordance with the manufacturer's instructions in accordance with applicable local codes.
- Use only attachments/accessories specified by the manufacturer.
- Protect all connection cables from possible damage, particularly at connection points.

#### Notice!



This product is intended to be supplied by a Listed Power Adapter with LPS, rated 12Vdc, 0.9A or 24Vac, 0.65A, 60Hz, or 48Vdc (PoE), 0.23A.

#### Caution!



The Low Voltage power supply unit must comply with EN/UL 62368-1. The power supply must be a SELV-LPS unit and Class II for 12 VDC / 24 VAC.

#### Caution!



If the camera is powered by a power adapter, make sure that the adapter is properly grounded.

## Notices

### UL Disclaimer

Underwriter Laboratories Inc. ("UL") has not tested the performance or reliability of the security or signaling aspects of this product. UL has only tested fire, shock and/or casualty hazards as outlined in Standard(s) for Safety for Information Technology Equipment, UL 62368-1 and UL 60950-22. UL Certification does not cover the performance or reliability of the security or signaling aspects of this product. UL MAKES NO REPRESENTATIONS, WARRANTIES, OR CERTIFICATIONS WHATSOEVER REGARDING THE PERFORMANCE OR RELIABILITY OF ANY SECURITY OR SIGNALING-RELATED FUNCTIONS OF THIS PRODUCT.

### FCC suppliers Declaration of Conformity

FLEXIDOME IP 5000i IR indoor: NDI-5503-AL-IN, NDE-5513-AL-IN  
FLEXIDOME IP starlight 5000i IR indoor: NDI-5502-AL-IN

### Compliance statement

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a **Class B** digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a **residential installation**. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Responsible party

Bosch Security Systems, LLC  
130 Perinton Parkway  
14450 Fairport, NY, USA

For more information please contact the nearest Bosch Security Systems location or visit: [www.boschsecurity.us](http://www.boschsecurity.us)

### Use latest software

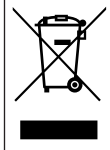
Before operating the device for the first time, make sure that you install the latest applicable release of your software version. For consistent functionality, compatibility, performance, and security, regularly update the software throughout the operational life of the device. Follow the instructions in the product documentation regarding software updates.

The following links provide more information:

- General information: <https://www.boschsecurity.com/xc/en/support/product-security/>
- Security advisories, that is a list of identified vulnerabilities and proposed solutions: <https://www.boschsecurity.com/xc/en/support/product-security/security-advisories.html>

Bosch assumes no liability whatsoever for any damage caused by operating its products with outdated software components.

### Old electrical and electronic equipment



This product and/or battery must be disposed of separately from household waste. Dispose such equipment according to local laws and regulations, to allow their reuse and/or recycling. This will help in conserving resources, and in protecting human health and the environment.

### Illumination safety

(Applicable only to devices with IR-capability.)

#### Notice!

This product has been tested according to standard IEC62471:2006



“Photobiological safety of lamps and lamp systems”. The product emissions meets the EXEMPT Group limit for Cornea/Lens infrared hazard as defined by IEC 62471:2006. The product was found to meet the EXEMPT Group exposure limits for IR LEDs.

The IEC 62471 provides the methods to determine the risk group of any lamp or any product incorporating a lamp. The risk groups in IEC 62471 indicate the degree of risk from potential optical radiation hazards. The risk groups were developed based upon decades of lamp use experience and the analysis of accidental injuries related to optical radiation emission.

**EXEMPT Group** – no optical hazard is considered reasonably foreseeable, even for continuous, unrestricted use. Typical examples are most frosted incandescent lamps and fluorescent lamps used in domestic applications.

**Exposure Hazard Value (EHV)** is a ratio of the Exposure Level (distance, exposure time) to Exposure Limit Value (ELV). When EHV is greater than 1, the device has exceeded the Exposure Limit Values for a particular Risk Group. The ELV is the level where optical radiation to the eye or skin is not expected to result in adverse biological effects.

The **Hazard Distance (HD)** is the distance from the source at which the Exposure Level equals the appropriate ELV. In other words, when  $EHV=1$  for a particular Risk Group. Regarding the Cornea / Lens infrared hazard of this product, the Exposure Hazard Value (EHV) at a test distance of 200mm is 2.19 based on EXEMPT Group exposure limits. The EHV based on Risk Group 1 limits is 0.386. The HD for the Exempt Group is 297 mm. These values have been summarized in the table below:



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