



Product Use



Information on Safe Product Use

IP67 Cameras



Information on Safe Product Use: IP67 Cameras

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Information on Safe Product Use: IP67 Cameras

1 Scope

This information on safe product use applies to all **IP67 cameras** manufactured by The Imaging Source Europe.

Information on the installation of specific products can be obtained from our support department (support@theimagingsource.com) or from our website (<https://www.theimagingsource.com/>). Additionally, detailed information on the dimensions and interfaces of specific products can be found on our website.

Product Overview:

<https://www.theimagingsource.com/en-us/embedded/fpd-link-iii/36c-ip67/>

Software (Driver) for Windows and Linux:

<https://www.theimagingsource.com/en-us/support/download/>

2 Safety Information

These safety instructions must be read carefully before installing and using the products. In case of damage to property or personal injury caused by non-observance or improper handling, The Imaging Source Europe accepts no liability.



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3 Intended Use

The product is intended exclusively for the following use:

The camera may only be used to record an image or video stream with transmission to a suitable remote station.

The camera is designed for operation in a permanently installed state and may not be opened.

The ISO 20653 certified IP rating is only guaranteed when using the IP67 FAKRA cable from The Imaging Source. Under these conditions, the camera can be operated for up to 30 minutes at a maximum depth of 1m.

The surface temperature of the camera must not exceed 50°C during operation. As the manufacturer cannot foresee the ambient conditions at the place of use, it is the responsibility of the operator to take suitable measures (e.g. heat-dissipating mounting, cooling, etc.) to ensure this at all times. The operator must ensure free air circulation and avoid heat build-up.

Only devices in perfect working condition may be used. Avoid, therefore, shocks and accidental drops of the device.

Any other use of the product is considered an unintended use.



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4 Field of Application: Electromagnetic Compatibility (EMC)

In terms of EMC, the product is suitable for use in the following application areas:

- Industrial
- Residential, business/commercial, small business

5 Time Limits

Duty cycle: Designed for continuous operation

6 Installation, Start-Up and Maintenance

Proper and safe operation of this product requires proper transportation, storage, installation and assembly as well as careful operation and maintenance. If there are significant temperature differences between indoor and outdoor areas, condensation may form on the appliance. To prevent this, the product should not be removed directly from its packaging.

Depending on the ambient conditions, sufficient time should be allowed for acclimatization. The specifications stated in the documentation must be observed during installation. Protect the product from direct sunlight and impact. Only operate the product under the ambient conditions approved for the product. Use under other ambient conditions can lead to damage.

To prevent damage to the connectors, only install or remove the product with the cables unplugged. Avoid mechanical or electrical damage to the housing and connections. Only use approved connectors and connection cables.

Before initial start-up, check that the electrical wiring complies with the specifications in the relevant documentation. Incorrect wiring can result in damage to the electronics.



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7 Transport and Storage

Ambient Conditions

- Temperature range: -20°C to 80°C
- Relative humidity: 20% to 95% (non-condensing)

8 Operation and Power Supply

Ambient Conditions

- Housing temperature (operational): -5°C to 50°C
- Relative humidity: 20% to 80% (non-condensing)

The Imaging Source's products may only be operated with a power supply that meets the system-specific requirements.

WARNING! The industrial camera's housing will heat up under operating conditions. Sufficient heat dissipation must be ensured in order to rule out the risk of burns in accordance with ISO 13732-1. The housing must not exceed a surface temperature of 50 °C, even at high ambient temperatures. It is the responsibility of the operator to ensure safe operating temperatures. Measures for heat dissipation such as passive or active cooling (e.g. targeted supply of cooling air) are suitable for this purpose. If the operator is unable to ensure this, the potential hazard must be made visible (e.g. caution sign indicating a thermal hazard).



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9 Electrical and Electronic Equipment - Manufacturer Information for Commercial Users (Germany)

The *Electrical and Electronic Equipment Act (ElektroG)* contains a large number of requirements for handling electrical and electronic equipment. The most important ones are summarized here.

1. Separate Collection of Waste Equipment

Electrical and electronic equipment that has become waste is referred to as waste equipment. Owners of waste equipment must dispose of it separately from unsorted municipal waste. In particular, waste appliances do not belong in household waste, but in special collection and return systems.

2. Batteries, Accumulators, and Lamps

As a rule, owners of waste electrical and electronic equipment (WEEE) must separate used batteries and accumulators that are not enclosed in the WEEE, as well as lamps that can be removed from the WEEE without causing damage, from the WEEE before handing them over to a collection point. This does not apply if WEEE is prepared for reuse with the participation of a public waste management authority.

3. Options for Returning Old Devices

In order to provide options for the return of old equipment, we cooperate with several qualified recycling companies. If a device manufactured by The Imaging Source has reached the end of its useful life and you would like to return it, please contact: <https://www.take-e-way.de/leistungen/elektrogesetz-weee-elektrog/b2b-altgeraete-ruecknahme-entsorgung/> and fill out the questionnaire.

4. Data Protection Notice

Waste equipment can contain sensitive personal data. This applies in particular to information and telecommunications technology devices such as computers and smartphones. Please note that each end user is responsible for deleting data from waste devices intended for disposal.

5. Meaning of "No Trash" Symbol

The symbol of a crossed-out garbage can which often appears on electrical and electronic equipment indicates that the respective device must be disposed of separately from unsorted municipal waste at the end of its service life.



WEEE-Reg-Nr. DE 79500188



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10 Electrical and Electronic Equipment - Manufacturer Information for Commercial Users (other EU countries)

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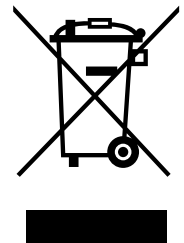
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All weights and dimensions are approximate. Unless otherwise specified the lenses shown in the context of cameras are not shipped with these cameras.