



EN

Quick Installation Guide

**1/3" HD Dome, Fixed, Day&Night,
1920x1080, Infrared, 1,34mm, 360°,
Indoor, 12VDC**

TSD-52F0013P0A

General safety instructions

- Before switching on and operating the system, first read this safety advice and the operating instructions.
- Keep the operating instructions in a safe place for later use.
- Installation, commissioning and maintenance of the system may only be carried out by authorised individuals and in accordance with the installation instructions - ensuring that all applicable standards and guidelines are followed.
- Protect the devices from water penetration and humidity, since these can cause lasting damage.
- Should moisture nevertheless enter the system, under no circumstance switch on the devices under these conditions, rather send them for examination by an authorised specialist workshop.
- The system must never be used outside of the technical specifications, since this can destroy it.
- The device must be protected from excesses of heat, dust, humidity and vibration effects.
- When separating the system from the voltage supply, only ever use the plug to pull out the cable. Never pull directly on the cable itself.
- Lay the connecting cables carefully and check that they are not mechanically stressed, kinked or damaged and that no humidity can penetrate into them.
- In the event of a malfunction, please inform your supplier.
- Maintenance and repairs may only be carried out by authorised specialist personnel.
- The system must be isolated from the power supply before opening the housing.
- The device may only be opened by qualified service personnel. Unauthorised access invalidates any warranty claim.
- Connection cables should always be exchanged through VIDEOR E. Hartig GmbH.
- Use only original spare parts and accessories from VIDEOR E. Hartig GmbH.
- The housing should only ever be cleaned using a mild domestic cleaning agent. Never use solvents or petrol as these can permanently damage the surface.
- During installation, it is essential to ensure that the seals provided are correctly installed and that they are not displaced during installation. Damaged seals must not be installed.
- The installer is responsible for the maintenance of the enclosure as per the technical data, e.g. by sealing the cable outlets with silicone.
- Wire end ferrules should be used when shortening the flexible connection cables.
- The devices may only be operated in the temperature range indicated in the data sheet and within the defined air humidity range.

Product-specific safety instructions:

Dome cameras



- Do not attempt to remove the camera module from the dome.
- The camera may never be pointed at the Sun with the aperture open (this will destroy the sensor).
- All of the openings in the housing intended for installation must be closed and/or sealed.
- It is unavoidable that during manufacture and to a certain extent during later use, humidity will be present in the ambient air within the device's housing. In the event of large temperature fluctuations, this humidity may condense inside the housing. To avoid this condensation inside the very tightly sealed housing, the manufacturer has inserted silica gel bags in the housing.
- It is however a physical given, that these silica gel bags will reach saturation after a certain amount of time. They should therefore be replaced with new silica gel sachets.
- The installer is responsible for the maintenance of the enclosure in accordance with the technical data, e.g. through the use of all the accompanying seals and O-rings, through sealing of the cable outlets with silicone and by laying the cables in such a way that no "water channel" results through the cable.
- During installation, it is essential to ensure that the seals provided are correctly installed and that they are not displaced during installation. Damaged seals must not be installed.

WEEE (Waste Electrical & Electronic Equipment)

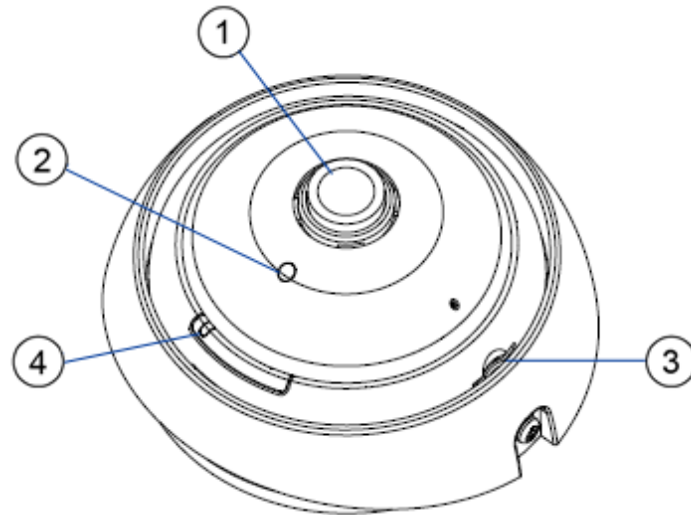


Correct Disposal of This Product

(Applicable in the European Union and other European countries with separate collection systems)

 	<p>This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.</p> <p>Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.</p> <p>Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.</p>
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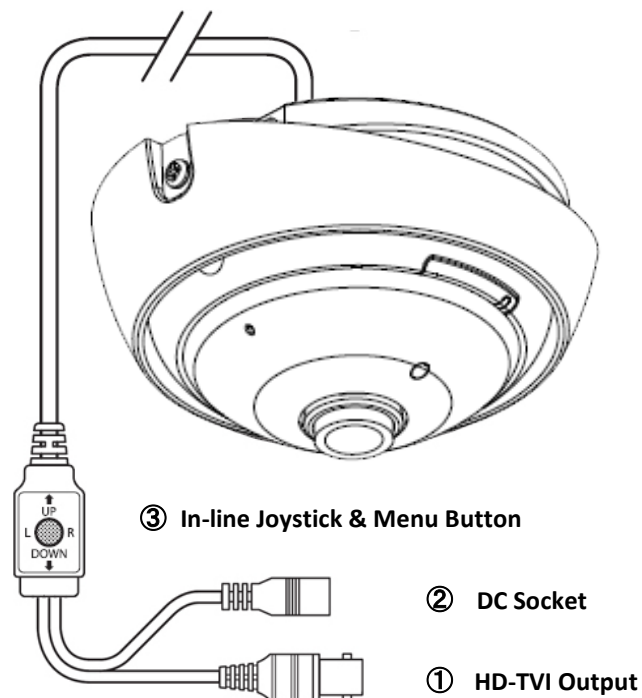
Description of the Camera



1. **Camera Lens.**
2. **Light Sensor:** Detects light levels and adjusts IR-LEDS accordingly.
3. **Micro SD Card Slot:** Insert a micro SD card for firmware upgrading.
4. **Power LED.**

Connections

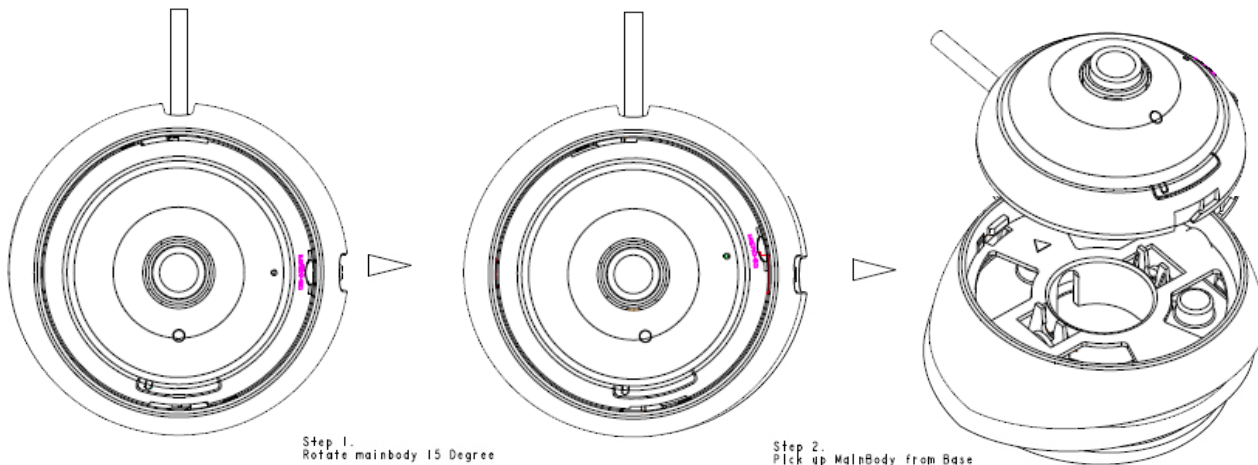
1. Connect the video output (①) from the camera to the DVR via BNC connector.
2. Connect the inlet (②) to an external power supply. Please connect with the 12V DC Power Supply.
3. The camera OSD menu is displayed by pressing the joystick in-line joystick (③).



NOTE:

A good height to mount the fisheye camera is at about 3 meters (10 feet) from the ground. This will give you a good field of view.

Separate the main body of the camera and the base:



To separate the main body of the camera and the base, please:

1. Rotate the main body 15 degrees in anticlockwise direction.
2. Then pick up the main body from the base.

Specifications

Model	TSD-52F0013P0A	
Camera	Lens	Fixed wide angle lens.
	Image Sensor	3MP 1/3" progressive COMS sensor.
Image	Resolution	1920x1080
	Angle of View	360°
	Frame Rate	25fps/ 30fps
	Signal System	PAL/ NTSC
	Viewing Type	Ceiling: 1P/ 2P/ 103R/ 101R1P/ 2R1P/ 4R Wall: 10/ 1P.
	Video Settings	Brightness/ Contrast/ Sharpness/ Saturation/ Denoise/ Mirror/ D-WDR/ Exposure/ White Balance
Indicator	Power LED	Yes
	Status LED	Solid red: power on. Blinking red: firmware upgrading.
Day & Night	IR LED	Yes
	IR Cut Filter	Yes
	Light Sensor	Yes
	Modes	Auto/ Day/ Night
UTC	Protocol	Supports Pelco C protocol
General	Power Supply	12VDC
	Power Consumption	Max 3.2W
	Operating Condition	0°C~40°C (32°F~104°F)
	Coaxial Cable	3C/ 5C cable Transmission Distance: Up to 500 meters.
	Firmware	Via micro SD card (for firmware upgrade only) .
	Language	English
	Dimension	77x33.5mm without bracket / 97x48.3mm with bracket
	Package Weight	345 grams
	Accessories	Quick Installation Guide. Mounting hardware kit.

* Design and specifications are subject to change without notice.



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ised trade channels only.

VIDEOR E. Hartig GmbH
Carl-Zeiss-Straße 8
63322 Rödermark/Germany
Tel. +49 (0) 6074 / 888-0
Fax +49 (0) 6074 / 888-100
www.videor.com
www.eneo-security.com

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