

AXIS P32-LVE Dome Cameras

AXIS P3275-LVE Dome Camera

AXIS P3277-LVE Dome Camera

AXIS P3278-LVE Dome Camera

AXIS P3285-LVE Dome Camera

AXIS P3287-LVE Dome Camera

AXIS P3288-LVE Dome Camera

Impact on warranty

This product is approved for repaint by Axis, provided that you follow the instructions in this document and at axis.com/warranty-implication-when-repainting.

Risks with repainting

There are several risks when disassembling or assembling an Axis product. Training of operators and the use of correct tools mediates some of the problems but they can never be fully avoided. Some of the risks include:

ESD Damage – Always handle the product in an ESD safe environment. Even if precautions are taken there is always a risk of ESD damage. The damage can remain undetected and cause problems during the lifetime of the equipment.

Dust contamination – Opening a camera may expose the lens and sensor to dust or paint. Dust will affect the optical performance. Lenses need to be disassembled in a dust-free environment, preferably a cleanroom.

Paint overspray – Masking the different components of the equipment is critical. Failure to mask sensitive areas can cause problems when assembling the equipment. Areas not painted at the factory or which have a different surface treatment than the parts to be painted (threads, ground and electrical contact surfaces) must also be masked to ensure function.

Repaint the product

Preparations

- If applicable, disassemble the device according to the instructions in this document.
- Clean all parts that will be repainted thoroughly to remove grease, dust, or oil.
- To ensure reassembly and functionality of the product, mask any openings (for example for screws, LED indicators, or microphones) before you paint.
- To avoid unwanted reflections, mask the inside of the weathershield before you paint.

Pretreatment of parts

Depending on the part material and type of coating applied at the factory, pretreatment might be necessary for the new coating to adhere well. Before you apply a new coating, we recommend the following pretreatment:

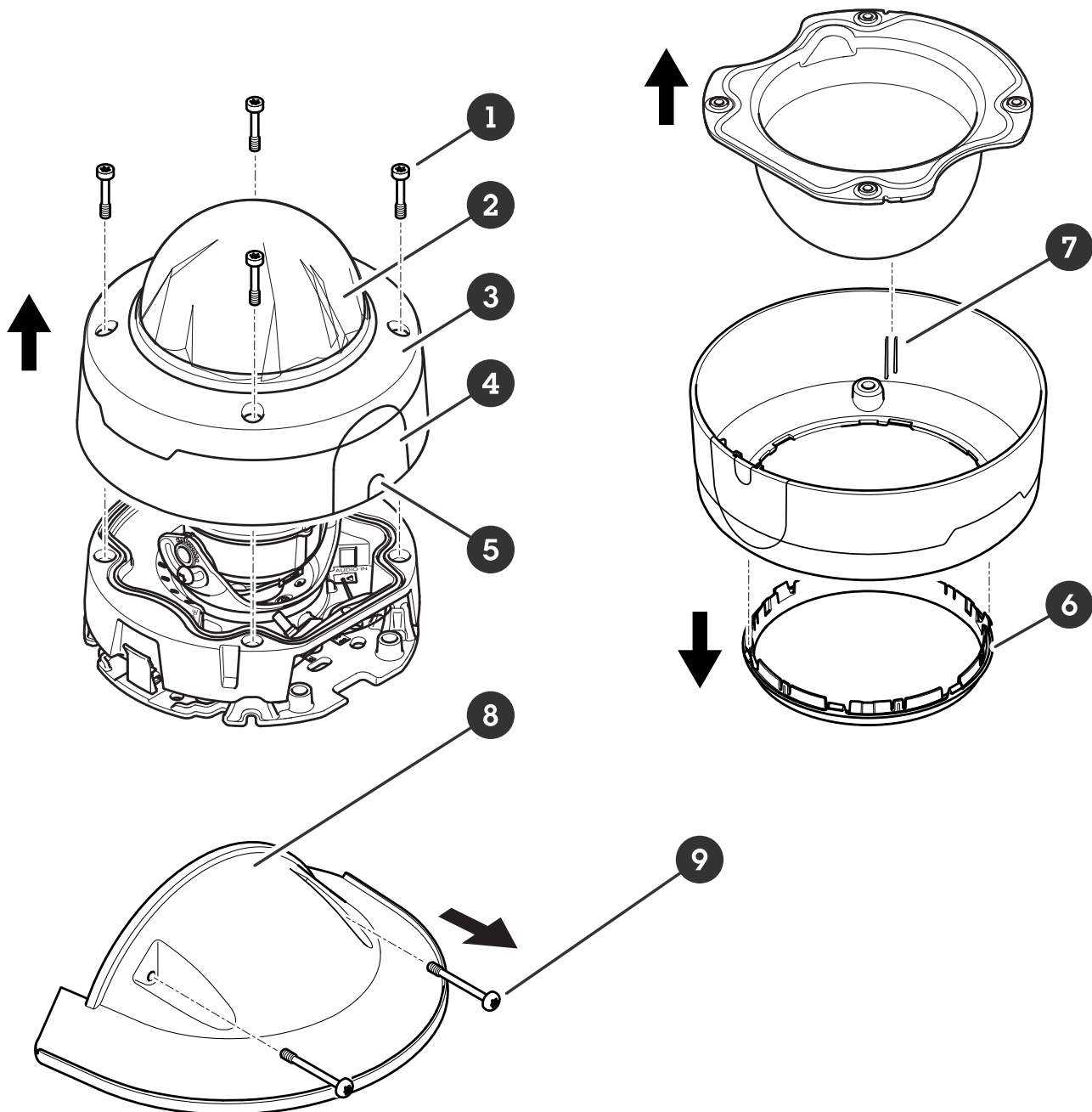
1. If necessary, roughen up the surface with a light sandpaper or similar to increase adhesion. Alternatively, remove the original coating down to the base material.
2. Clean the parts properly to remove oil, grease, and dust.
3. If necessary, apply a primer layer suitable for the specific material, to increase adhesion to the parts. For metal parts on outdoor products, we recommend a primer to improve corrosion resistance.

We recommend pretreatment of parts that are:

- powder-coated
- wet-painted
- anodised
- chromated
- stainless steel
- other metal
- plastic

The material used in the product is PC Makrolon 6487RE.

Disassembly



- 1 Screws (4x, TR20)
- 2 Dome
- 3 Dome cover
- 4 Conduit cover
- 5 Cable cover
- 6 Anti-reflection ring
- 7 Snap fits holding the dome (2x)
- 8 Weathershield
- 9 Screws (2x, TR20)

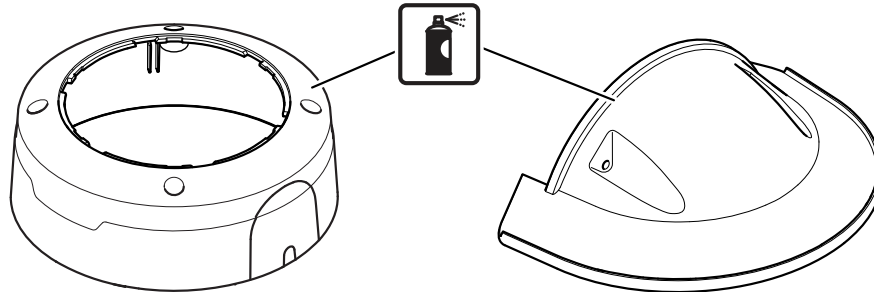
- Remove the weathershield, if it's already attached to the dome cover.
- Remove the dome cover.
- Remove the cable cover or conduit cover if you are not going to use it.
- Remove the dome from the dome cover by releasing it from the snap fits.
- Remove the anti-reflection ring. Don't paint it.

Repainting

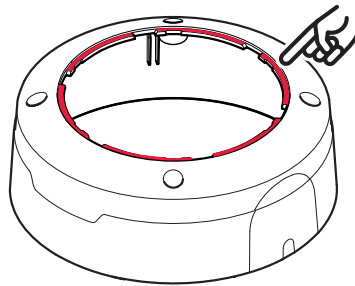
1. Make sure all necessary preparations of the weathershield and dome cover have been made, see *Preparations, on page 3*.

Important

For acoustic sensor cameras, mask the acoustic sensor holes.



2. Apply a thin and even layer of spray paint according to the instructions of the paint manufacturer.



Important

Avoid paint build-up in the area marked with red color.

3. Let the paint dry.
4. To get a better coverage and clearer color, apply a second layer of spray paint.
5. When the paint is dry, remove the masking and reassemble the product.

Reassembly

1. Reattach the anti-reflection ring and the dome to the dome cover.
2. Reassemble the weathershield, dome cover and camera and tighten the screws (torque 1.0 Nm, 0.7 lb ft).

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