CineApe 25

Replacement propeller guard
User manual



Read the entire manual before installation and use, and keep it for future reference.

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1. Product description

1.1 What it is for

The replacement propeller guard is a one-piece injection-moulded plastic part of the **DarwinFPV CineApe 25** frame – a 2.5-inch cinewhoop frame on which the ready-to-fly DarwinFPV CineApe 25 drone is also built. The guard surrounds all four propellers, forms the protective ducts and is at the same time a load-bearing part of the frame to which the top carbon plate is screwed.

The guard is a wear part: in crashes and impacts it protects the propellers, the motors, the surroundings and the drone itself, and it therefore wears out or gets damaged over time. Replace a cracked, broken or deformed guard with a new one – this is exactly what this part is for.



Propeller guard installed in the DarwinFPV CineApe 25 frame (top view)

1.2 Technical data and package contents

Product designation	DarwinFPV CineApe 25 – Injection Molding Guard (replacement propeller guard)
Manufacturer	DarwinFPV, Room 104, Jiangxia Industrial Park, Taiwan Industrial Zone, Shiyan Street, Baoan District, Shenzhen, China; info@darwinfpv.com; darwinfpv.com
Intended for	DarwinFPV CineApe 25 frame and DarwinFPV CineApe 25 drone
Design	one-piece injection-moulded propeller guard with protective ducts for 4 propellers
Mounting	screwed to the top plate of the frame; according to the manufacturer, removing 7 screws is enough to separate the top plate and the guard
Propellers of the CineApe 25 drone	HQProp T63MMX6, diameter 63 mm (data from the drone manufacturer)
Package contents	1× propeller guard
Not included	screws, standoffs, carbon plates, propellers, camera and antenna mounts or other frame parts

※ The guard is intended only for the CineApe 25 frame. For the CineApe 25 II and CineApe35 frames the manufacturer offers separate guards of a different shape.

2. Replacing the guard

2.1 Before you start

- **Disconnect and remove the battery.** Never work on a drone with a battery connected – an unintended Arm (motor start) can cause serious injury.
- Remove all four propellers and put them aside; note their direction of rotation (CW/CCW) and position.
- Prepare a suitable screwdriver or hex key for the screws of your frame and a mat on which small parts will not get lost.
- Check the new guard – it must not have cracks, burrs in the mounting holes or deformations.

2.2 Replacement procedure

① Take photos of the drone from all sides – this makes reassembly easier (cable routing, position of the antenna and mounts).

② Loosen the screws that connect the top plate of the frame to the guard. According to the manufacturer there are 7 screws; put the screws and standoffs aside so that you know where each one belongs.

③ Carefully separate the top plate and remove the old guard. Do not pull on the motor, camera or antenna cables.

④ Fit the new guard in the same orientation as the original one and align its mounting holes with the holes in the plate.

⑤ First insert all screws loosely and only then tighten them one after another. Tighten with care – an overtightened screw can damage the plastic part.

⑥ Refit the camera mount, the antenna mount and any other parts you removed.



Connection of the top plate of the frame to the propeller guard

2.3 Check after installation

- Fit the propellers in the correct direction of rotation and tighten them.
- Slowly turn each propeller by hand – the blades must not touch the guard at any point.
- Check that no cable reaches into the propeller area and that the frame does not wobble when lightly twisted.
- Make the first flight after the replacement carefully in a safe area and listen for any propeller rubbing.

3. Use and maintenance

3.1 Safety

The guard reduces the risk of injury and damage, but does not eliminate it. Rotating propellers can cause injury even with the guard fitted – after Arm and in flight, keep a safe distance from people and animals.

- Never fly with a cracked or broken guard – fragments can get into the propellers.
- Do not modify the guard (do not drill, cut or grind it) – you would weaken it.
- Keep small parts and packaging material out of the reach of children.

3.2 Inspection and care

- Before every flight and after every impact, inspect the guard: cracks (especially around the mounting holes and connecting arms), deformation of the rings and tightness of the screws.
- The propellers must not touch the guard, not even after an impact – replace a deformed guard.
- Remove dirt, grass and sand with a dry or slightly damp cloth; do not use solvents.
- Do not leave the drone with the guard in direct sunlight or in a hot car – heat can deform the plastic part.

4. Information for the EU and Czech Market

4.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

4.2 Disposal

- The guard is a plastic part without electronics – it is not electrical equipment and the take-back of electrical equipment does not apply to it.
- Dispose of an unneeded or damaged guard in a plastics container or hand it over at a collection yard in accordance with the waste sorting rules of your municipality.
- Sort the product packaging by material (paper, plastic).
- Proper sorting helps the reuse of raw materials and protects the environment.

5. Warranty and rights arising from defective performance

5.1 Rights of the buyer under Czech law

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 4.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.