Rugged Waterproof Case DJI Mini 3/Mini 3 Pro

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VIEW IN BROWSER

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Summary

Rugged Waterproof Case DJI Mini 3/Mini 3 Pro

Hobby & Makers > RC & Robotics

Tags: box rc drone case container storage storagebox dji protection aircraft outdoor 3dprinted rugged accesories mini3 mini3pro

This rugged waterproof case is designed for the DJI Mini 3 and is also compatible with the DJI Mini 3 Pro. DJI Mini 4 Pro should also fit, but it hasn't been tested yet. Please let me know if you have posibility to test.
The case is a bit larger than the drone, so lens filters also fit under the foam.
Inspired by the zx82net Waterproof Box v2 and utilized latches and hinge models with small modification from it.
Additionally, added mounts for batteries. Attached the mounting drawings.

The seal hasn't been tested because there was no opportunity to print it with TPU.
Also it can be sealed with silicone instead of TPU.

Requires:

- 2x M3x45mm screws
- 4x M3x25mm screws

If you have any ideas, you can create mounts for your components. Watch for updates.

This remix is based on

zx82net Customizable Rugged Waterproof Box

by zx82net

Model files

casev1.stl

casev1_lid.stl

seal.stl

latch-cam-v1.stl

hinge-v1.stl

latch-arm-v1.stl

battery-holder-v2.stl

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