



Kayoumini 2.5" - TPU Collection



Kayou Frames

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Summary

The complete official TPU Collection for the Kayoumini 2.5" by Kayou Frames. The ultimate urban/park flyer.

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Tags: [kayou](#) [kayoumini](#)

This page is a **Wiki** regrouping all the necessary informations about **3D Printable TPU Files for the Kayoumini 2.5"**. All of the .stl files are available in the "Files" tab.

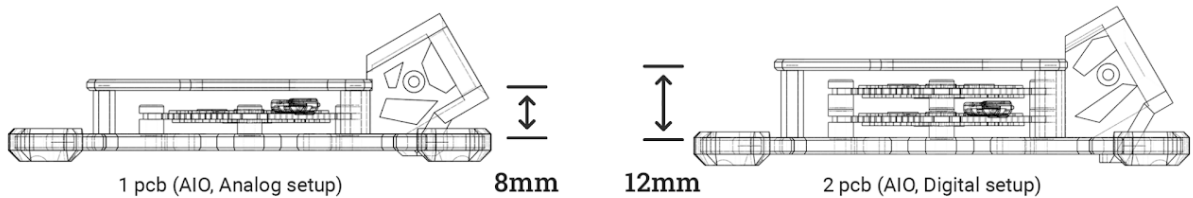
Join us on Discord !

For any specific request/question, **feel free to contact us directly on [Kayou Frames Discord Server](#)**



Standoff options

The frame kit includes 2 standoff options : 8 and 12mm.



The goal is to **keep your build as lightweight and compact as possible** wether you fly **Analog or Digital**.

Camera prints are **12mm high for digital**, and **8mm high for Analog** by default.

Camera mounts

This is the **key feature** of the **Kayoumini 2.5"** : the front end is **completely modular** allowing for a **tight, precise** and **optimized fit whatever your setup is**.

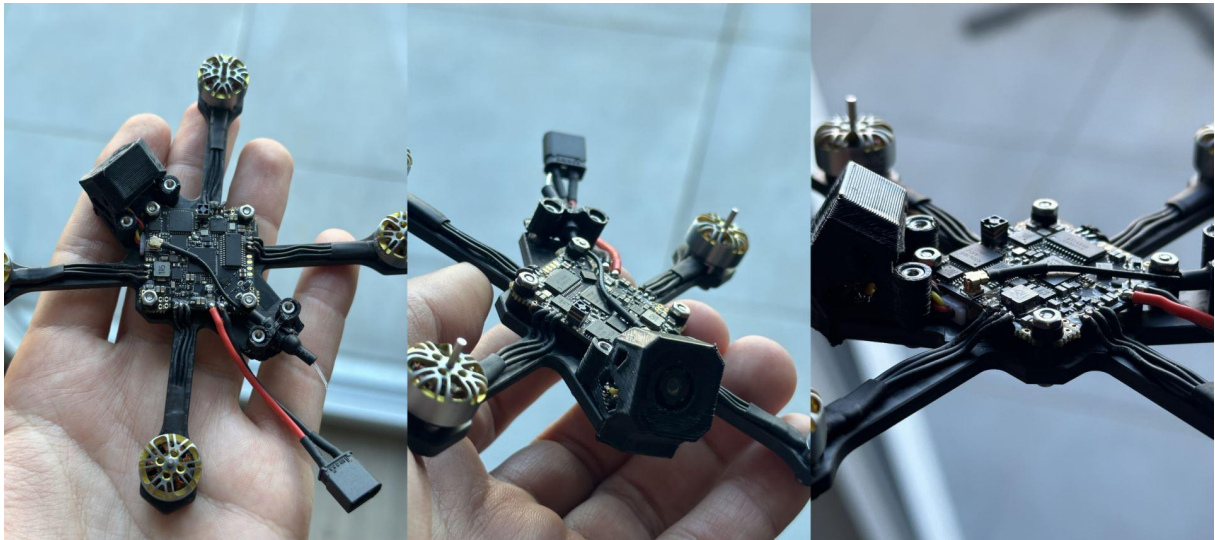
14mm is the standard camera size for this form factor, **a large collection of print is available** for the most used cameras on the market. **Print the mount that fits your exact camera model and tilt and fly it !**



We obviously couldn't design straightaway prints for every single camera on the market and for every imaginable tilt, so feel free to [contact us on discord](#) if you need any specific file.

Building

Unsure about **how to mount your components** or **how to run your cables ?** Have a look at these few shots of **example builds** :

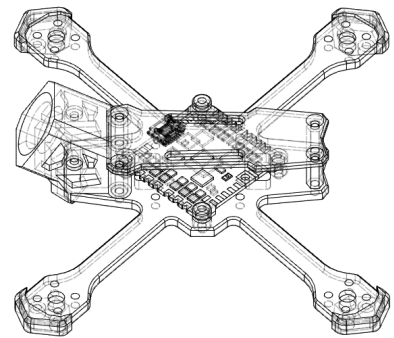


Analog build based on a Happymodel X12 AIO and a Runcam Nano 3.

Development Kit

Step files of various prints are available in the Development Kit folder allowing pilots with **experience in CAD softwares** to design your own mounts !

Sharing custom prints through printables or thingiverse **is much appreciated**, that's how we **improved the TPU kits** of all of the existing frames over time and we're very thankful to the community for it.



Model files



Camera Mount - Runcam Nano 4

4 files



km_nano4_20deg.stl



km_nano4_25deg.stl



km_nano4_30deg.stl



km_nano4_45deg.stl



Camera Mount - Runcam Nano 3

4 files



km_nano3_20deg.stl

☐ Camera has no mounting holes, it snaps in firmly.



km_nano3_25deg.stl

☐ Camera has no mounting holes, it snaps in firmly.



km_nano3_30deg.stl

☐ Camera has no mounting holes, it snaps in firmly.



km_nano3_45deg.stl

☐ Camera has no mounting holes, it snaps in firmly.



Camera Mount - Caddx Ant

4 files



km_caddx_ant_20deg.stl



km_caddx_ant_25deg.stl



km_caddx_ant_30deg.stl



km_caddx_ant_45deg.stl



Camera Mount - Caddx Baby Ratel 2

4 files



km_caddx_baby_ratel_20deg.stl



km_caddx_baby_ratel_25deg.stl



km_caddx_baby_ratel_30deg.stl



km_caddx_baby_ratel-45deg.stl



Camera Mount - BetaFPV C03

1 file



km_c03_30deg.stl

☐ Camera has no mounting holes, it snaps in firmly.



Camera Mount - Foxeer Toothless 2 Nano Starlight

2 files



km_foxeer_toothless2_45deg.stl



km_foxeer_toothless2_30deg.stl



Camera Mount - HDZero Nano Lite

2 files



km_hdz_nano_lite_30deg.stl



km_hdz_nano_lite_45deg.stl



Camera Mount - HDZero Nano V2

2 files



km_hdz_nano_v2_30deg.stl



km_hdz_nano_v2_20deg.stl



Camera Mount - HDZero Nano V3

1 file



km_hdz_nano_v3_20deg.stl



Camera Mount - Walksnail Avatar HD Mini 1s Lite

2 files



km_ws-1s-lite_30deg.stl

☐ Camera has no mounting holes, it snaps in firmly.



km_ws-1s-lite_45deg.stl

☐ Camera has no mounting holes, it snaps in firmly.



Camera Mount - Walksnail Avatar HD Mini 1s

3 files



km_ws_1s_20deg.stl



km_ws_1s_25deg.stl



km_ws_1s_30deg.stl

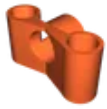


Backpack

5 files



km_backpack_elrs.stl



km_8mm_backpack_linear.stl



km_8mm_backpack_elrslinear.stl



km_12mm_backpack_linear.stl



km_12mm_backpack_elrslinear.stl



Arm Bumper

2 files



km_arm_standard.stl

☐ Ultra lightweight Arm Bumper that snaps right on.



km_arm_heavy.stl

☐ Heavy duty Arm Bumper that snaps right on.



Others

2 files



usb_c_dust-cover.stl

☐ USB-C Dust cover - Design by 3DMegoldasok



micro-usb-dust-cover.stl

☐ Micro USB Dust cover - Design by 3DMegoldasok



Development Kit

3 files

km_cam_devkit.step

☐ Sample .step file of the Runcam Nano 4 30deg Camera mount

km_backpack_devkit.step

☐ Sample .step file of the Linear Antenna backpack

km_armbumper_devkit.step

☐ Sample .step file of the standard Arm Bumper

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