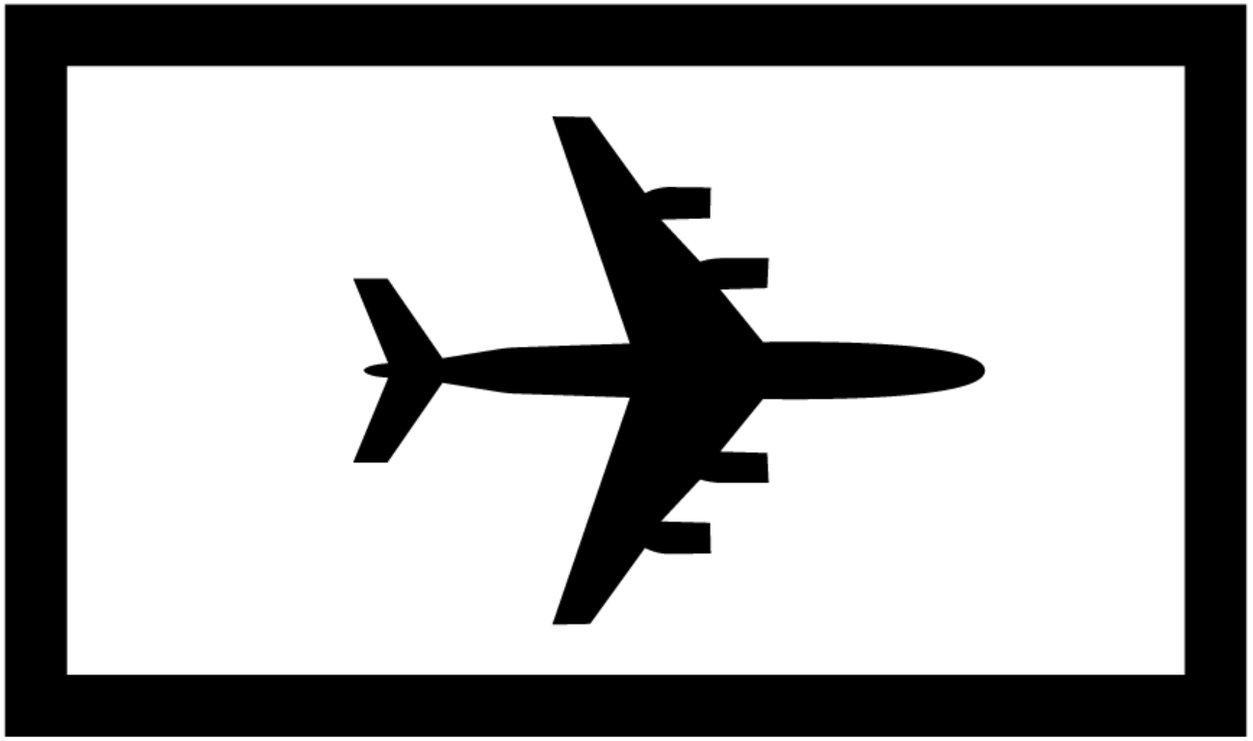


TheFlightWall

Widescreen User Manual

Rev. 2.0

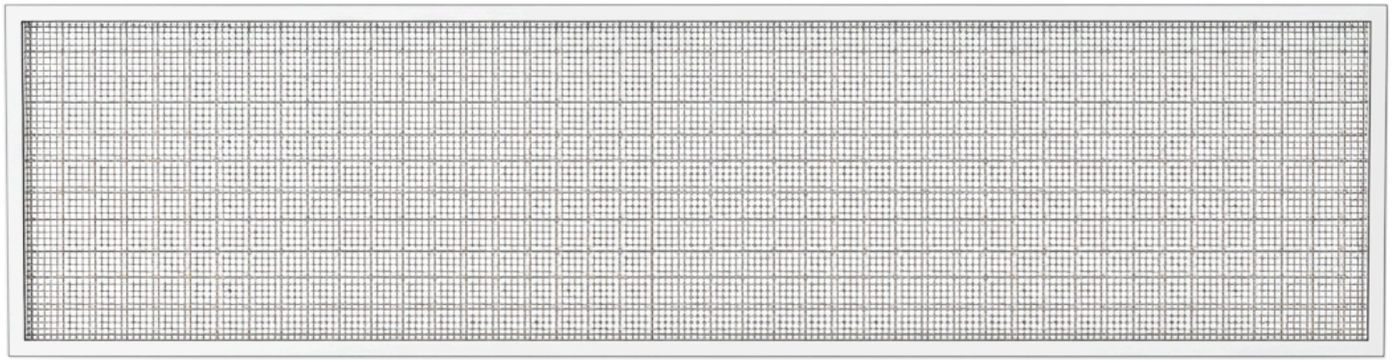
Welcome

TheFlightWall is an LED display that shows live information of aircraft flying near you, right as they pass by your window.

TheFlightWall has been made possible by aviation enthusiasts like yourself, we appreciate all the support on this project!

What's in the box:

TheFlightWall Widescreen



+ Mounting Hardware

TheFlightWall widescreen

Getting Setup ✈

TheFlightWall is easy to setup and configure with our mobile app.

Download the app

Powering Up

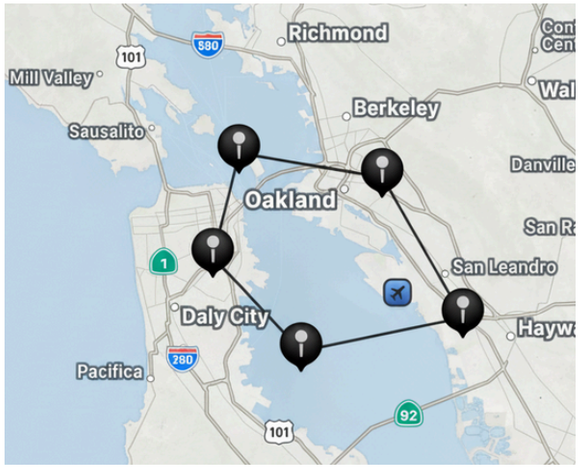
Plug the power cable into any standard US outlet.

WiFi Setup

Get your FlightWall connected to your internet.

- On first power-up, the display will show connection information.
- Ensure you have TheFlightWall app installed.
- Follow the steps in the app, scanning the QR code on screen or connecting manually.
- Select your WiFi network, enter your password, and wait for the display to connect.
- Once connected, the display will restart and may perform software updates.
- Next, configure your settings!

Data Configuration



Location and Flights

Set the area you want to scan for flights, either a radius around a point or a custom shape matching your view.

The maximum area is 800 km² (308.88 mi²)

Data Filters

Apply filters for busy airspaces

- Specific altitude range
- Hide municipal aircraft
- Hide helicopters

Set your “home” airport

Optionally set your local airport(s) to contextualize the display so flights say “arriving” or “departing”

Track individual flights

Switch to *flight tracking mode* (more info on page 6) and enter any flight number to track an individual flight.

Display Configuration

Layouts

Choose how the information is displayed on screen from one of the preset layouts.

Brightness and Border

Change the display brightness and toggle an optional border around the display.

Software Updates

The device will check for software updates to enhance features and performance. Updates will automatically install when the device is powered on.

New display settings and data added in the future, keep an eye out!

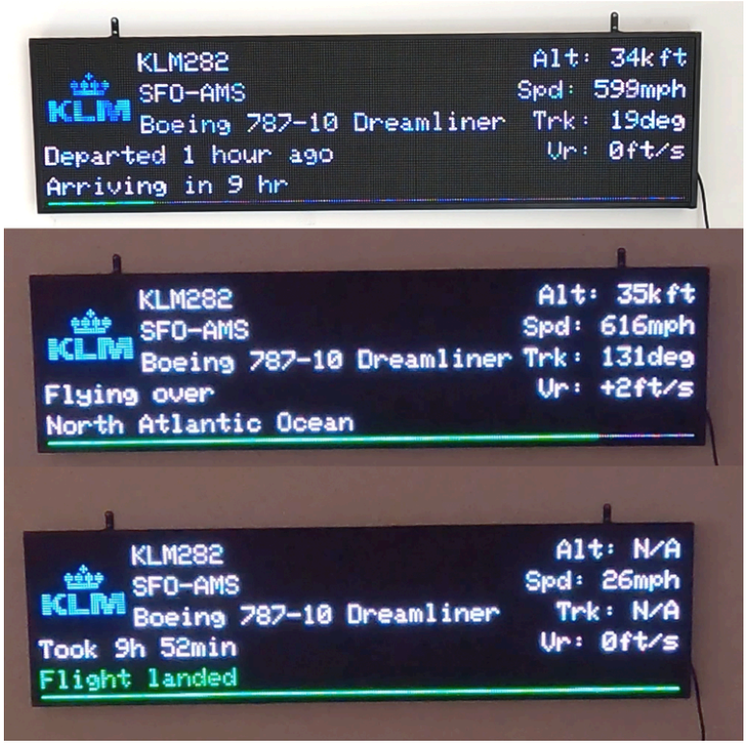
Flight Tracking

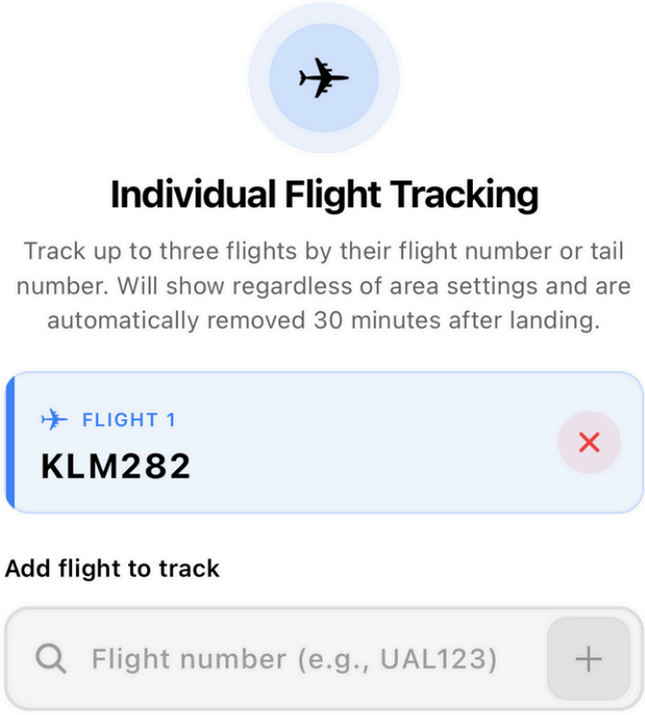
Track the progress of any flight

In the app, you can enter up to three flight numbers or callsigns, allowing you to track the progress of individual flights.

See the core information

Flight tracking will show progress percentage, departed / arrival times, and the closest city or ocean the aircraft is flying over. 30 minutes after landing, the flight will be automatically removed.



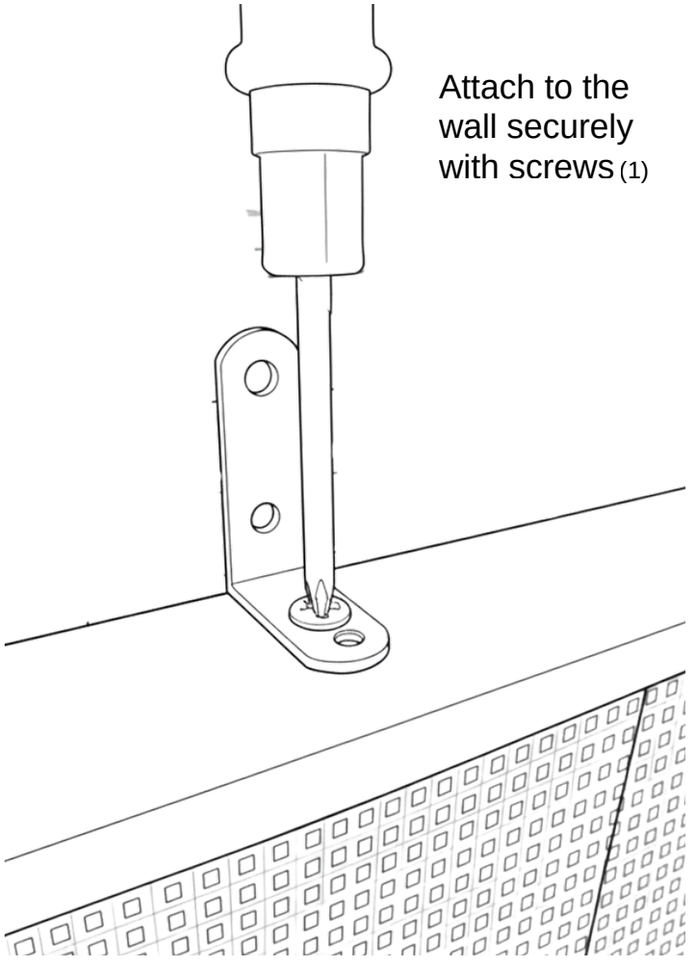


Data and layout settings from the previous pages don’t apply to what’s shown during flight tracking.

Mounting Options

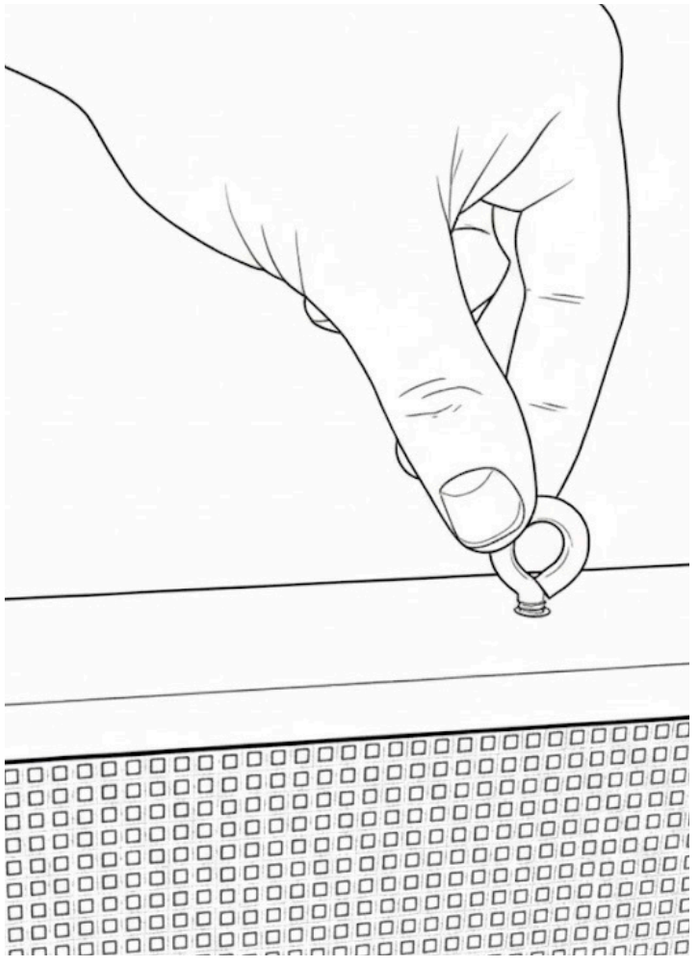
Wall Brackets

Screw the provided L-brackets into the bolt holes on the top of the display.



Wall Hangers

Screw the provided eyelet screw into the bolt holes on the top of the display. Hang securely with wire or rope.



Questions? Found an issue?

For further questions or assistance please visit our FAQ at theflightwall.com/faq
or email contact@theflightwall.com

Found a data issue?

We’ve worked hard to source accurate flight data, but there could be inconsistencies or issues. If something is wrong or missing, please reach out and let us know.

Regulatory compliance
This product (TheFlightWall Widescreen — 1280 × 320 mm, P5, Huidu WF2 chipset, Wall-powered) complies with applicable U.S. regulatory requirements:

Federal Communications Commission (FCC) Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications made to this device not expressly approved by AxisNimble Inc. may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any interference caused by unauthorized modifications to this equipment. Such modifications could void the user’s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.
To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

Environmental & disposal
Dispose of this electronic product in accordance with local e-waste and electronic recycling regulations.

Power supply
The power supply supplied with this product is ETL-certified. Use only the supplied ETL-listed power supply. Use of non-listed or unapproved power supplies may impair safety and compliance. (ETL 5012555).

Safety warnings & installation

- (1) Professional mounting required. TheFlightWall Widescreen must be mounted by a qualified installer or technician using appropriate fixings and building-safe practices. Manufacturer is not responsible for damage, injury, or loss resulting from improper mounting or installation.
- Indoor use only. Do not expose to water or damp locations.
- Electric shock / service. Do not open the enclosure. No user-serviceable parts inside. Repairs and internal servicing must be performed only by authorized service personnel.
- Keep away from children. Not a toy. Contains small parts and bright LEDs. Avoid prolonged direct eye exposure to the display.
- Disconnect before cleaning. Unplug the USB power before cleaning or moving the device.
- No modifications. Changes or modifications not expressly approved void the authority to operate the device.

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