



SKYDIO CONTROLLER 2

Confidence in your hands

With a large, sunlight-readable display, field-ready ergonomics, and Skydio Flight Deck, Controller 2 gives pilots a comfortable, intuitive way to plan, fly, and review missions in the field.

> 5^{hr} 45^{min}
Battery life

IP55
Rating

More control over every mission.



See the full picture.

A sunlight-readable 7-inch display gives pilots more room for imagery, telemetry, and critical flight information.

Operate comfortably flight after flight.

Field-ready ergonomics make long hours easier, from setup through transport.

Move between missions seamlessly.

Use one controller across X10, X10D and R10, so teams can move between pilots, robots, and mission types with a familiar, consistent experience.

Count on a robust connection.

Maintain low-latency control over 5G, with the flexibility to choose your carrier.

Built for a day in the field.



Integrated kickstand

Set it down to plan, review, and coordinate in the field.



HDMI-out screen mirroring

Share the live view for coordination, training, and demonstrations.



Routed ports and cable management

Keep connections organized and cables out of the way.



Protected control sticks

Designed for confident transport between missions.



Swappable 5G SIM

Get your cellular plan through Skydio or bring your own to suit local coverage.



Customizable controls

Keep frequently used Flight Deck actions within easy reach.

Technical Specs

Controller

Dimensions	10.3" x 6.0" x 2.9" / 26.1 x 15.2 x 7.2 cm
Weight	1,530 g
Screen	7" TFT LCD 60 Hz refresh rate Resolution: 1920 x 1200 pixels Brightness: 2,000 nits (sustained) Density: 322 dpi
Operating time	Approx. 5 hours 45 minutes
Charge time	1 hour 25 minutes (20–90%)
Battery	9,600 mAh
Internal storage	128 GB
Operational temperature range	-4° to 113°F / -20° to 45°C
Ingress protection rating	IP55

Kickstand

Weight	26 g
Dimensions	5.06" x 2.42" x 0.96"

Connectivity and security

Operating frequencies	Connect SL: 2400–2483.5 MHz / 5150–5850 MHz Connect 5G: 600–4400 MHz Connect MH: 1790–1850 MHz / 2040–2110 MHz / 2200–2300 MHz / 2300–2390 MHz / 2400–2500 MHz WiFi: 2400–2483.5 MHz / 5150–5850 MHz / 5925–7125 MHz Bluetooth: 2402–2480 MHz
Max range	Connect SL: 12 km / 7.5 miles Connect 5G: Unlimited (wherever cellular coverage is available)
Wireless networking	WiFi, Cellular LTE/5G
Cellular SIM	Nano SIM slot
Wired outputs	HDMI and 2x USB-C
GNSS	FAA and EASA Remote ID compliant
Security	NDA compliant AES-256 encrypted data link Encrypted internal disk storage Password protected Root of trust Trusted boot Secure update