

Dock for X10



Enter a new era of autonomous work.

Position docked drones where the work happens, remotely operate them from anywhere in the world, and get the data your teams need to act; from real-time situational awareness to pre-planned asset inspections.

Built for reliability in challenging environments.

Dock for X10 is built to withstand harsh weather related challenges like rain, snow, wind, scorching heat, and freezing cold. Your X10 drone will be ready to fly as soon as conditions allow.

20 ^{sec}
Time to get airborne.

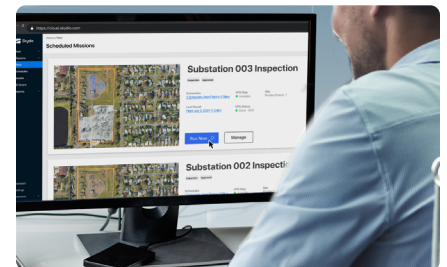
24/7
Continuous operation,
day or night.

-4° to 122° F
Safely operate in extreme
temperatures.

5G
Unlimited flight range.¹

Operate Beyond Visual Line of Sight (BVLOS).

Dock for X10's built-in weather sensors and ADS-B (aircraft position transmitter) combined with Skydio X10's world leading autonomy provide the Remote Pilot in Command (RPIC) with an accurate picture of both the airspace and conditions on the ground — even when nobody is onsite.²



Command your fleet.

Remotely operate entire fleets of drones with a detailed picture of the operating area.



Fly with unlimited range.

Skydio Connect Fusion lets drones instantly switch between a point-to-point connection to the dock and 5G connection for unlimited range.¹



Work safely.

Enterprise-grade safety features let you conduct pre-flight checks remotely, customize surround lighting, and set audible alerts.

Technical specs

Dock for X10

Launch / land winds	Up to 12 m/s (27 mph)
Operational temperature	-20° to 50° C / -4° to 12° F
Standby temperature	-40° to 60° C / -40° to 140° F
Dock weight	232 lbs (with base)
Dock dimensions	34.1" L x 37.7" W x 55.5" H (with base)
Rain and snow limitations	X10 operational capability: 0.25"/hr (light-moderate), Dock Standby: 4"/hr (Heavy)
Corrosion resistance	Designed to operate in humid environments, outside of direct saltwater splash zone
Input / output	2x POE RJ45 (30W, 48V), 1x USB3.0 (5W, 5V)
220V power requirement	Recommended below 0° C / 32° F
Launch time	Airborne in 20 seconds



X10 Aircraft

Max hover time	35 minutes
Max flight time	40 minutes
Processors	NVIDIA Jetson Orin SoC
Ingress protection rating	IP55
Wireless range (no interference, line of sight operation)	Urban: 1-2 km (0.6-1.2 miles) Suburban: 2-6 km (1.2-3.7 miles) Rural: 6-12 km (3.7-7.5 miles) Max: 12 km (7.5 miles) Connect 5G: Unlimited (wherever cellular coverage is available)
Wireless networking (media offload)	Connect SL: WiFi6 Connect 5G: Cellular LTE/5G
Obstacle avoidance coverage	True °360



External Radio

Power	Nominal: 11-13W USB-C: 5V3A, 9V3A, 12V3A, 15V3A, 20V3A PoE: 44-57V (IEEE 802.3af compliant)
Input / output	1x Ethernet, 1x USB-C 3.0
Wind resistance	Up to 160 kmh / 100 mph
Operational ranges (omnidirectional)	Urban: 1-2 km Suburban: 2-6 km Rural: 6-12 km Max: 6-12 km
Operating frequency	Connect SL: 2400-2483.5 MHz & 5150-5850 MHz

