Dock for X10D

Get on scene faster. Gather more data. Make better decisions.

Position docked drones for maximum coverage and remotely operate them from anywhere in the world. Get the data your teams need to act — from perimeter security to pre-planned installation inspections.

Reliable even in the most challenging environments.

Dock for X10D is designed to withstand harsh weather like rain, snow, wind, scorching heat, and freezing cold. So no matter what's happening outside, your X10D drone will be kept safe and secure in a temperature controlled chamber until the next mission.

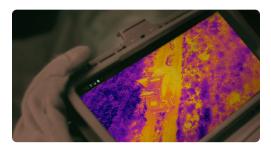| **20** sec	**24/7**	**-4 to 122˚F**
Time to get airborne/respond	Continuous operation, day or night	Safely operate in extreme temperatures

Go farther – Beyond Visual Line of Sight (BVLOS).

Dock's built-in weather sensors and ADS-B (aircraft position transmitter) combined with Skydio X10D'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 with nobody is onsite.[1]

Mission ready situation awareness

Live stream flights to all echelons of command with a common operating picture, empowering decision making in real time.

Fly from anywhere

Operate your drones from anywhere with just a browser — from a real-time command center.

Enterprise-grade security

Dock for X10D is built to support secure IT architecture with easy integration into your infrastructure with robust cyber security protections, including SOC 2 Type II compliance.
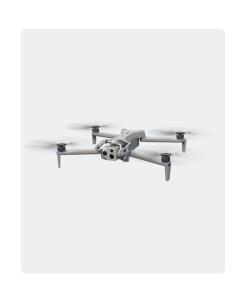
[1] BVLOS waiver required for remote flight.

Technical Specs

Dock for X10D

Launch / Land Winds	Up to 12 m/s (27 mph)
Operational Temperature	-20° to 50 °C / -4° to 122 °F
Dock Dimensions	34.1" L x 37.7" W x 55.5" H (with base)
Dock Weight	229 lbs (with base)
Corrosion Resistance	Designed to operate in humid environments, outside of direct saltwater splash zone
Rain and Snow Limitations	X10 operational capability: 0.25"/hr (light-moderate), Dock Standby: 4"/hr (Heavy)
Input/Output	2x POE RJ45 (30W, 48V), 1x USB3.0 (5W, 5V)
220V Power Requirement	Recommended below 0 °C
Onboard Storage	512GB (Non-removable, for media sync purposes only)
Launch Time	Airborne in 20 seconds

X10D 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
Opertional 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 Connect MH: 1625-1725 MHz, 1790-1850 MHz, 2040-2110 MHz, 2200-2300 MHz, 2300-2390 MHz, 2400-2500MHz