

# Dock for X10

## National Security

### 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 X10 is designed to withstand harsh weather like rain, snow, wind, scorching heat, and freezing cold. So no matter what's happening outside, your X10 drone will be kept safe and secure in a temperature controlled chamber until the next mission.

**20** sec

Time to get airborne/respond

**24/7**

Continuous operation, day or night

**-4 to 122°F**

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 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 with nobody onsite.<sup>1</sup>



#### 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.



#### Military-grade security

Dock for X10 can be integrated into any secure IT architecture with flexible deployment options, including on-premises, private cloud, and our SOC 2 Type II certified cloud.

# Technical Specs



## Dock for X10

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



## X10 Aircraft

<b>Max Hover Time</b>	35 minutes
<b>Max Flight Time</b>	40 minutes
<b>Processors</b>	NVIDIA Jetson Orin SoC
<b>Ingress Protection Rating</b>	IP55
<b>Wireless Range (no interference, line of sight operation)</b>	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)
<b>Wireless Networking (media offload)</b>	Connect SL: WiFi6 Connect 5G: Cellular LTE/5G
<b>Obstacle Avoidance Coverage</b>	True °360



## External Radio

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

