

# Skydio X2E Color



## Unmatched Autonomy Meets Enterprise Performance

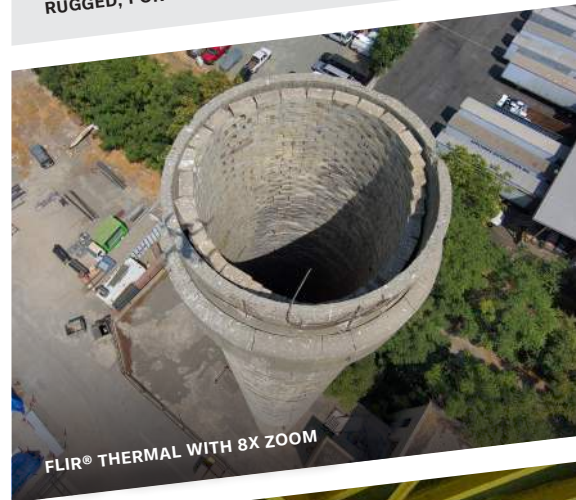
Skydio X2E Color is the ultimate UAS solution for aerial asset inspection and incident scene reconstruction. X2E is powered by Skydio Autonomy Enterprise, an AI-driven autonomous flight engine that enables unparalleled 360° obstacle avoidance, autonomous tracking, GPS-denied navigation, and complete workflow automation. X2E is designed with a ruggedized, foldable airframe, GPS-based night flight, strobing lights in visible and IR wavelength, and a single sensor payload with a 12MP/4K60P HDR color camera with a wide angle lense optimized for close capture. Built for enterprises and first responders, Skydio X2E is designed and assembled in the USA, and is compliant with the National Defense Authorization Act (NDAA).

## Advanced Software Add-ons

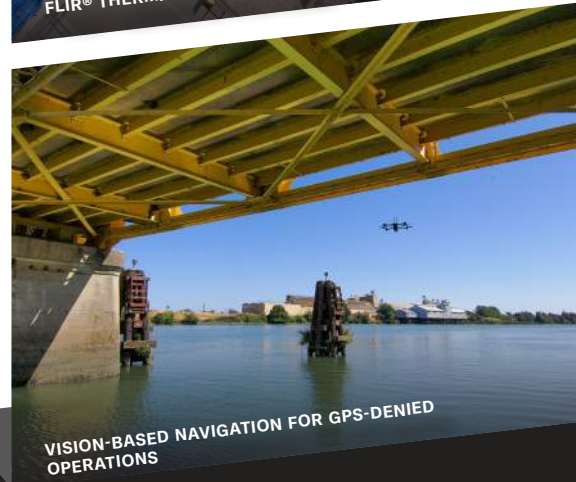
- ⊕ **Skydio 3D Scan™.** Adaptive scanning to automate the image capture process to document complex structures and generate 3D models with comprehensive coverage and ultra-high resolution. Perform higher quality inspections and documentation faster and with minimal pilot training.
- ⊕ **Skydio Cloud.** Enables federated fleet management and seamless upload of flight media. No more manual handling of SD cards and hard drives.



RUGGED, PORTABLE, DEPLOYS QUICKLY



FLIR® THERMAL WITH 8X ZOOM



VISION-BASED NAVIGATION FOR GPS-DENIED OPERATIONS

Up to  
3.7 mi / 6 km

Up to  
35 min

AES-256 wireless  
encryption

# X2E Color & Controller Specs



## AIRCRAFT

<b>DIMENSIONS (UNFOLDED, FLYING)</b>	26.1" X 22.4" X 8.3" (66 x 56 x 20 cm)
<b>DIMENSIONS (FOLDED, NO BATTERY)</b>	11.9" X 5.5" X 3.6" (30 x 15 x 10 cm)
<b>WEIGHT (WITH BATTERY)</b>	1325 g
<b>FLIGHT TIME</b>	Up to 35 minutes
<b>MAX FLIGHT SPEED (SEA LEVEL, NO WIND)</b>	31 mph (50 km/h)
<b>MAX WIND SPEED RESISTANCE</b>	23 mph
<b>MAX SERVICE CEILING (ABOVE SEA LEVEL)</b>	Up to 12,000 ft
<b>OPERATIONAL TEMPERATURE RANGE</b>	-10°C to 43°C

## PRIMARY CAMERA SYSTEM

<b>COLOR SENSOR TYPE</b>	Sony IMX577 1/2.3" 12.3MP CMOS
<b>COLOR LENS FOCAL LENGTH</b>	20 mm (35 mm format equivalent)
<b>COLOR VIDEO RESOLUTION</b>	4K / 60 fps with 16x digital zoom
<b>COLOR VIDEO FORMAT</b>	MPEG-4 (AVC/H.264, HEVC/H.265)
<b>COLOR STILL RESOLUTION</b>	4056x3040 (12 MP)
<b>COLOR DYNAMIC RANGE</b>	13 stops
<b>PITCH CONTROLLABLE RANGE</b>	-110° to +45° (-110° to +90° with AEF)