AMERICAN MADE

BLUE UAS

green uas™

NDAA COMPLIANT

See More, Understand Better and Decide Quicker

Professional, non-tablet based remote controller

The Skyfish Talon remote controller delivers unmatched performance, comfort, and reliability for professional drone operations. The Talon is a custom Skyfish-developed system rather than an off-the-shelf tablet, which allows Skyfish to maximize processing power and design flexibility to meet specific customer needs. Talon is designed with its own advanced heat management system, customizable ergonomics, and rugged durability.

Developed with seasoned pilots

Talon offers a precision-tuned feel for both thumbing and pinching control styles. Its lightweight design, customizable grips, and lanyard compatibility make it practical for long field sessions, while versatile power options (including swappable batteries and USB-C charging) ensure extended use with minimal downtime.

Seamless processing and power integration

The Talon remote controller is powered by the same NVIDIA processor used in the Skyfish Osprey drone. This shared architecture simplifies interoperability, reduces parts complexity, and streamlines maintenance. By designing our own printed circuit board (PCB), Skyfish delivers a controller free from tablet-based constraints to maximize processing power and enables Skyfish the flexibility to support specific customer design needs.

Ground remote control

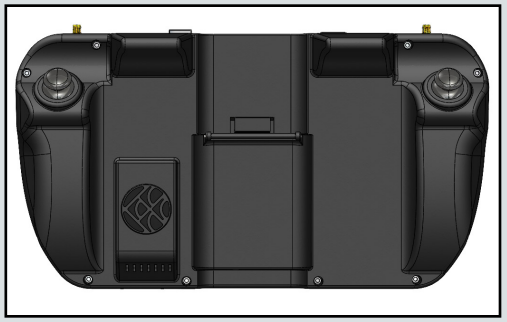
The Talon runs a fully customizable Linux operating system, Talon comes equipped with **Skyfish's enhanced version of QGroundControl** for cellular tower inspections, ISR, and surveying missions, but remains compatible with any Linux-based control software. Ready for deployment in harsh environments (e.g., desert, mountain, humidity), the Talon features a large screen for better situational awareness during missions.

Made in the USA and NDAA compliant

Based in Missoula, MT, Skyfish designs drones, battery systems, airborne guidance, and ground stations, which provide real-time video and telemetry feeds from the aircraft — all in house. Skyfish is certified Airworthiness Level 3 by U.S. Army DevCom and Green UAS (in process).

Skyfish Talon remote controller front side (R).

Skyfish Talon remote controller front side (L).



Skyfish Talon remote controller back side.

Technical Specifications

Form Factor

Dimensions	335mm x 180mm x 100mm (13.2” x 7.1” x 4”)
Material / Finish	HP Nylon 12 / Black Finish
Weight	1.1 kg (2.5 lb)
Thickness (w/o joysticks)	81mm (3.2”)
HUMAN INTERFACES:	
Joysticks	4 2-Axis joysticks (adds 20mm thickness)
Switches	6 switches with customizable functions (camera shutter trigger, setting flight modes, RTL, etc.)
Touchscreen	Yes
Harness	Hanging vertical, hanging horizontal

Screen

Resolution (px)	1920 x 1200 px
Dimensions (in”)	8” screen (131.6 x 202.0 mm)
Luminance	500 cd/m2

Software

Base OS	Linux
Pre-installed	Skyfish-customized QGroundControl

Electrical

Connections (Ports available)	Ethernet, USB 3.0
Suggested accessories	USB Hub, Mouse, Keyboard
Heat management	Forced air cooled computer and radio
Radio frequency	1.6GHz-2.5GHz / 3.2GHz-4.8GHz

Battery

Weight	0.23 kg (0.5 lb)
Dimensions	85mm x 77mm x 23mm (3.35” x 3.03” x 0.91”)
Charge	Onboard (USB-PD), optional external charger
Battery life	3 hrs
CHARGING STATION:	
Ports available	2 sequentially charging ports
Dimensions	125mm x 121mm x 55mm (4.92” x 4.76” x 2.17”)
Power connectors	Wall adapter

Skyfish Osprey drone with the Sony LR1 – test flying in Montana.

Skyfish Osprey drone with the Raptor – test flying in Montana.

Skyfish manufacturing facility in Stevensville, Montana.

To learn more about the Skyfish Osprey drone platform, please contact sales@skyfish.ai / 1-844-SKY-FISH

Designed and manufactured in the USA
www.skyfish.ai