



SAFE-T 2 Tether Station

Ruggedized and Advanced Tethered Drone
Station, for when Endurance Matters



The tethered drone company



In emergency situations we are able to use a tethered drone to provide connectivity for the responders in the immediate area and the community. We're putting it up to around 100 meters in the air and it can stay there all day long and cover a much larger area. We've increased our coverage area by about 400 times.

Patrick McKay, UAS Data Operations Manager for the UN World Food Program

INCREASE YOUR DRONE FLEET ENDURANCE WITH A POWERFUL AND ADVANCED TETHER STATION TO BETTER PROTECT PEOPLE, SENSITIVE SITES, OR ASSETS IN COMPLEX ENVIRONMENTS.

DESIGNED TO MEET THE NEEDS OF DEMANDING MISSIONS

- Ruggedized structure IP54 certified, operational in poor weather conditions.
- Ultra light micro tether offering up to 90m (295 feet) operational altitude.
- Unlimited power for hours of overwatch capability.

MULTIPLE DRONE COMPATIBILITY FOR MULTIPLE OPERATIONS

- Compatible with your DJI M350 and many other 6S and 12S drones.
- Powerful station offering up to 2200W continuous power supply.
- High speed data transfer and available with fiber optics to fit all your missions.

THE MOST DEPLOYED TETHER STATION IN THE WORLD

- 1000+ units deployed on all continents and harsh environments.
- Over 500 users including the United Nations and the US Army.
- 8 years of improvements based on feedback from operational users.



Unlimited power



IP54 protection



120 - 230 V power input



ADVANCED TETHERING SYSTEM COMPATIBLE WITH MULTIPLE DRONES



UNIQUE POWER SUPPLY PATENT

Our patented Dynamic Voltage Optimization (DVO) technology improves the linear performance of the tether, without compromising safety (low voltage directive).



MULTI DRONE COMPATIBILITY

With our wide range of modules, the Safe-T is compatible with many 6S or 12S drones and offers 90 m (295 feet) high flight capability as well as secured high speed data transfer.



T-MANAGER CONTROL AND MONITORING SOFTWARE

Use T-manager advanced software to remotely control the power and torque of your Safe-T, and monitor key indicators such as tether length and power consumption.

ITAR FREE

CE / IEC

NDAA OPTION

TECHNICAL DATA

Micro-tether length	100 m - 330 Ft
Micro-tether weight	Available in 16 g/m, 20.5 g/m, 26 g/m
Output voltage	6S, 12S
Power output	Up to 2200 W continuous
Power source requirement	230 VAC, 50 - 60 Hz, 4kW min
	120 VAC, 50-60 Hz, 3 kW min
Tensile strength	120 to 150 daN (270 to 337 lbs)
Micro-tether management	10 pre-sets, smart pre-programmed laws, reset function
Secure dual comms	BPL & optional Fiber Optics
Wifi connectivity	Frequency 2.4 GHz - 5 GHz Encryption WEP/TKIP/AES, security WPA/WPA2
Operational temperature	-20 to 50° C (-4° to 120° F)
Altitude max	4000 MSL (13 000 ft)
Rugged structure	IP54 certified
Vehicle integration	Ready for integration with mounting plates
Total weight	22 kg - 48,5 lbs
Dimensions	414 x 670 x 260 mm (16" x 26" x 10") (without feet)
T-manager - remote control	Control of power, torque, winch and alarms settings
T-manager - monitoring	Winch temperature, speed and length, power consumption, alarms values

EUROPE OFFICE

12, Chemin des Hirondelles
69570 Dardilly
France
+33 9 83 57 06 39
enquiries@elistair.com

NORTH AMERICA OFFICE

226 N. Front St. #207
NC 28401
Wilmington, USA
+1 (347) 305 0191
enquiries@elistair.com