



MILITARY ISR

BORDER SECURITY

CRITICAL FACILITY

Offering custom, multirotor, tethered aircraft systems for a variety of applications*:

- ▶ Electro-optical and infrared video support of firefighting and search and rescue operations
- ▶ Provision of WiFi and cellular service during events and emergencies
- ▶ Surveillance and alerting during force protection and border enforcement actions
- ▶ Media outlet coverage of public assemblies, law enforcement actions, and sporting events

Flexible multipayload capability:

- ▶ Electro-optical with 30x zoom
- ▶ Long-range thermal sensor
- ▶ Wide-area aerial lighting module
- ▶ Laser designator
- ▶ Counter-UAV detection and jamming

Performance:

- ▶ Portable, two-case configuration
- ▶ Elevations up to 500 feet
- ▶ Payloads up to 19 pounds
- ▶ Indefinite flight time
- ▶ Short-duration free flight
- ▶ Powered by 110/220-volt AC

*FAA limitations and requirements apply.

Zenith AeroTech is a registered subsidiary of
Zenith Quest Corporation
A SAM registered small business
CAGE CODE 7C3VB



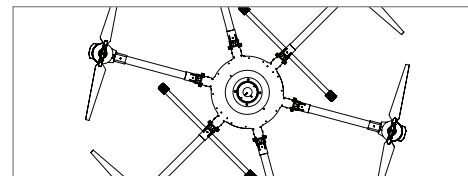
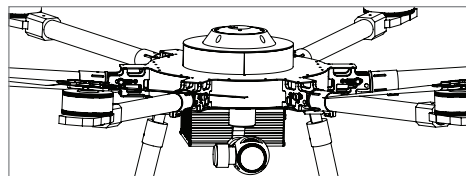
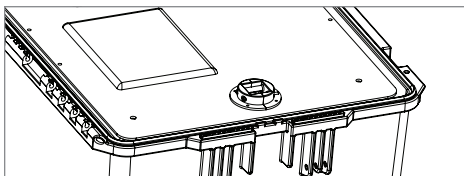

MADE IN USA WITH
DOMESTIC AND FOREIGN
COMPONENTS

GROUND POWER UNIT

Zenith AeroTech's tethered aircraft systems rely on the TAS-GP ground power unit to convert 110/220-volt AC power into high-voltage DC power for transmission to an aerial vehicle through a high-strength, abrasion-resistant uplink power supply cable, or tether.

TAS-GP also serves to house up to 500 feet of spooled tether and an associated tensioning mechanism, and can be paired with any of the company's tethered aerial vehicles, or adapted for integration with other manufacturers' systems.

TAS-GP Specifications	
Case	Pelican iM2750 Storm Travel Case
Material	Injection-molded HPX high performance resin
Latch	VALOX Polybutylene Terephthalate (PBT)
Case seal	EPDM rubber
Dimensions	24.60 in. x 19.70 in. x 14.40 in.
Weight	60 lbs. +/- 10%
Total power	3 kW @ 110/120-volt AC input or 6 kW @ 220-volt AC input for TAV-Q19



TETHERED AERIAL VEHICLES

Zenith AeroTech has developed the TAV-H7, TAV-Q²8, and TAV-Q19 multirotor tethered aerial vehicles to complement its proprietary ground power unit.

TAV-H7 Specifications	
Folded dimensions	18 in. x 18 in.
In-box dimensions	20 in. x 20 in.
Propeller size	18 in.
Total weight	15.5 lbs. (including 150-ft. cable)
Total lift	22 lbs.
Payload capacity	7 lbs.

TAV-Q ² 8 Specifications	
Folded dimensions	18 in. x 18 in.
In-box dimensions	20 in. x 20 in.
Propeller size	18 in.
Total weight	15.5 lbs. (including 150-ft. cable)
Total lift	23.5 lbs.
Payload capacity	8 lbs.

TAV-Q19 Specifications	
Folded dimensions	24.5 in. x 24.5 in.
In-box dimensions	26.5 in. x 26.5 in.
Propeller size	30 in.
Total weight	35 lbs. (including 150-ft. cable)
Total lift	54 lbs.
Payload capacity	19 lbs.