



## VISION

# GROUND CONTROL STATION

Designed for the most demanding field users with a daylight viewable screen, rugged and lightweight enclosure, and a four hour battery life. DoD grade security and NDAA compliant manufacturing to meet the needs of government customers.

## Hardware

- 7", 1080p, 2500 NIT daylight viewable screen
- 4 hour battery life
- Intel i3 processor capable of creating 3D terrain models in minutes
- 500 GB onboard storage for 15 hours of mission video and data
- GPS for return to pilot and pilot tracking
- Haptic feedback for warnings

## Software

- QGroundControl for manual and waypoint flight modes
- Automated return to home and safety geofencing
- Reveal's Farsight optionally available for rapid automated 3D map creation
- Displays UAS battery level, altitude, and location
- Displays last known vehicle location for locating downed systems
- Ubuntu OS

## Connectivity

- 1.8 and 2.4 GHz frequency options
- 1080p HD video stream
- 4 km video and control range with standard antenna
- 8 km video and control range with long range directional antenna
- Wi-Fi for high-speed data transfer
- Optional LTE cloud data link

## Mobility

- IP56 ingress protection
- ABS/PC rugged enclosure for maximum drop protection
- -10° - 40° C operating temperature
- 1.9 pound weight
- Rugged waterproof clasped hard case for transport

## Security

- AES 256 data and communications encryption
- Design and built in the USA
- NDAA and TAA compliant
- Secure user authentication

# VESPER

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## HARDWARE CONTROLS

