VISION2

GROUND CONTROL STATION

Universal mobile GCS for UxS operators, with daylight readable screen, onboard GPS, interchangeable radios, and multiple control applications to meet different user demands. Compact design retains ruggedness at 625 grams. DoD-grade security, Blue UAS cleared, and NDAA compliant manufacturing.



CAPABLE

- 7”, 1080p, 2500 NIT sunlight readable display
- 3 two-axis analog sticks and 14 tactile control buttons (11 user programmable)
- 3-constellation GNSS (GPS, Galileo, Glonass) supports return to pilot & follow me features
- Octa-core AI enabled Qualcomm QCS8250 offers 15 TOPS of AI compute power
- 4 hour battery life (radio dependent)
- Single touch display or button locks
- Multi-touch screen with haptic feedback
- Night Vision Device compatible display dimming
- Native H.265 video decompression
- 64 GB onboard memory (optional 128 or 256 GB)
- Integrated IMU and magnetometer

PORTABLE

- 625 g / 1.4 lb (w/o radio)
- 1000 cc / 61 cubic inches
- IP54 ingress protection
- -20° – 50° C operating range
- Mil-810H drop (5 ft) with mag body and rubber grips
- Rugged waterproof clasped hard case for transport

FLEXIBLE

- DoD-standard Swappable Radio Module (SRM)
- Modular radio bay compatible with Microhard, Persistent Systems, Doodle Labs and Silvus radios
- Supports ATAK UAS Tool, QGroundControl, RAC2/WMI, Autonodyne Nexus, Motorola Solutions CAPE & Dronesense
- Multiple video output paths- Wi-Fi & wired display casting, USB-C to HDMI, and IP to tactical networks
- Android OS with ability to run custom APKs as needed
- Net Warrior compatible
- WiFi 6E / Bluetooth 5.2
- Wired and wireless screen casting
- USB-C charging and data transfer (field replaceable port)
- Optional LTE connectivity (via USB-C dongle)
- Custom colors available upon request

TRUSTED

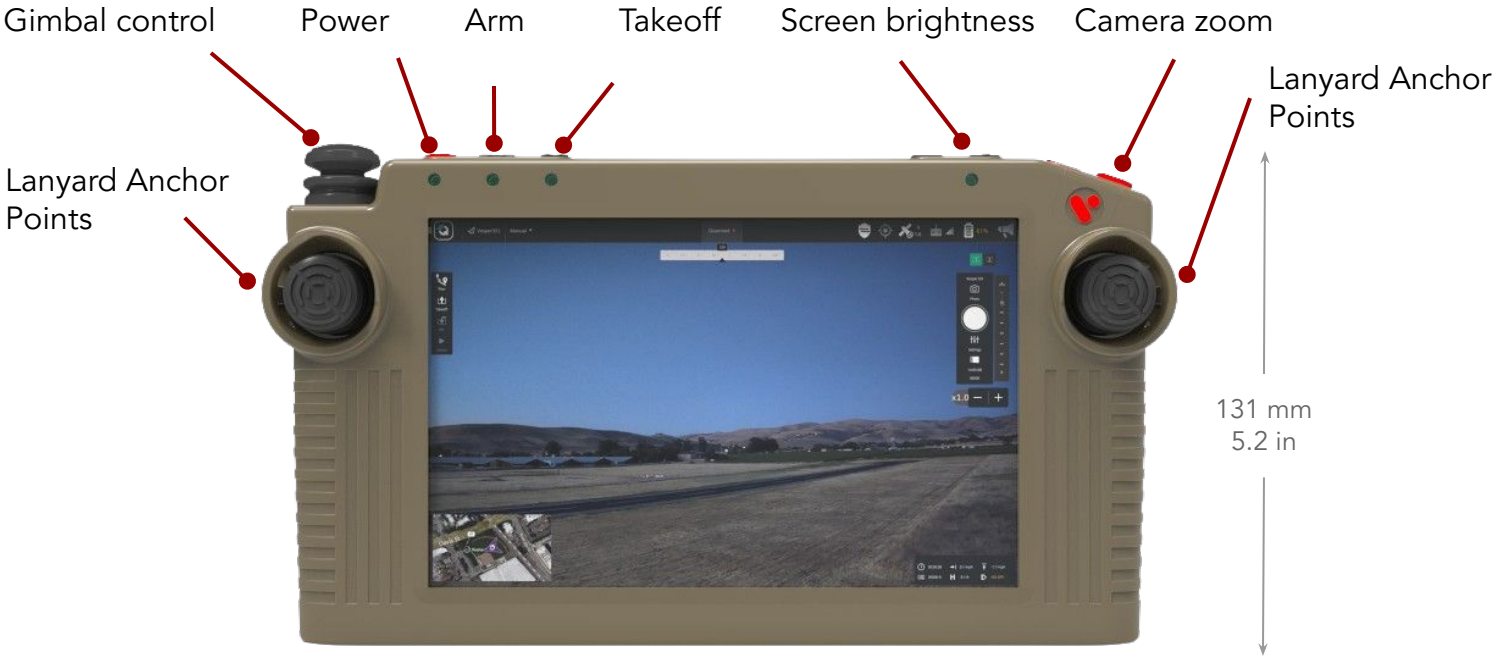
- AES-256 encryption
- Designed and built in the USA
- Blue UAS, NDAA compliant
- Secure user authentication
- System wipe after failed login option
- DoD security-scan ready OS

VANTAGE ROBOTICS

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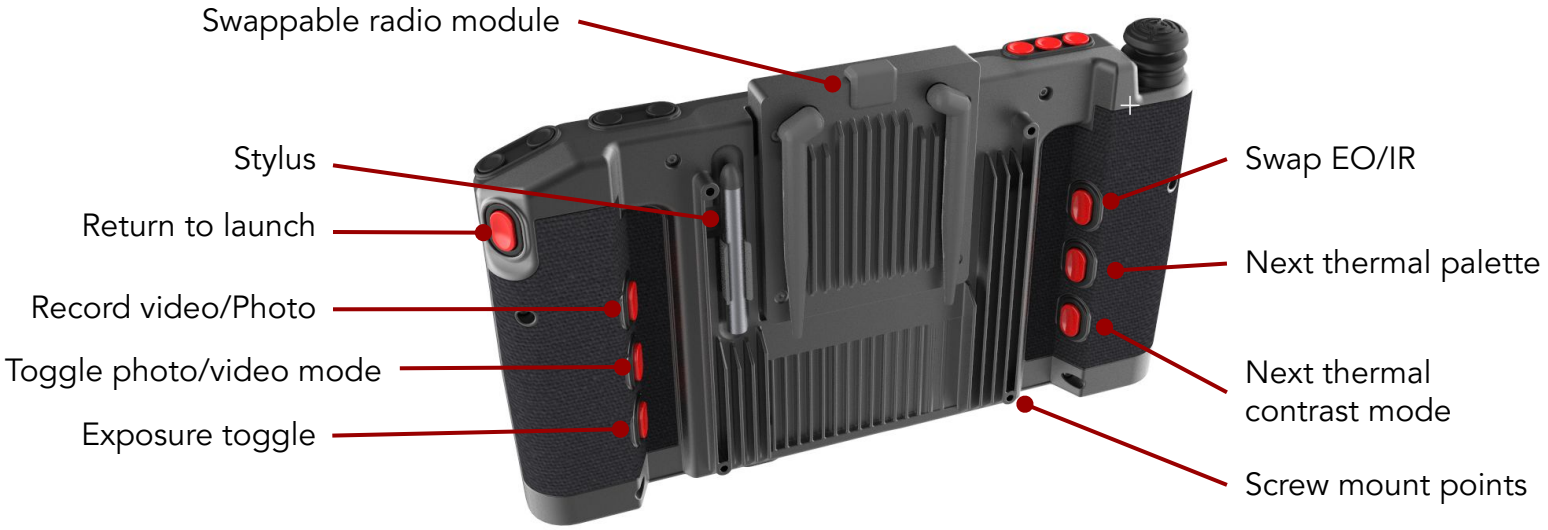
VISION2

GROUND CONTROL STATION



USB-C charging, video & data transfer

235 mm/ 9.25 in



Button assignments redefinable at factory or by end user

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OPTIONS

Field Swappable Radio Module Options

Frequency	Description	Antenna
2.4 GHz	1 W, AES-256 encryption, auto channel hopping and modulation	3 dBi, omni
2.3 - 2.4 GHz	1 W, AES-256 encryption, auto channel hopping and modulation	7 dBi, omni
Hexaband	1625 - 1725, 1780 - 1850, 2020 - 2110, 2200 - 2300, 2300 - 2390, 2400 - 2500 MHz frequency options, 1 W, AES-256, auto channel hopping	5 dBi, omni

