

Ground Control Systems (GCS)

GCS NEXUS BASED ON 10.1” RUGGED TABLET

Unmanned vehicles, whether on the ground, in the air or on the water, are valuable assets that need reliable controls in the most demanding of environments. Our ergonomic and rugged solutions, either stock or built to need, will meet the requirements of military, first responding or commercial users.



- Fully ruggedized, high-performance tactical 10.1” fully rugged tablet
- Complies with MIL-STD 810, 461, 1275 and IP65
- Includes a wide range of interfaces

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Tech Specs

SOFTWARE Windows 10 Pro 64 bit

CPU Intel Core i7-10310U VPro processor

STORAGE & MEMORY

16GB DDR4-2666MHz

512GB Opal NVMe SSD

TEMPERATURE MIL-STD 810G,

Method 501.5 & 502.5

Operating -20° C to +60° C

Non Operating -40° C to + 70° C

HUMIDITY MIL-STD-810G

Method 507.5

VIBRATION MIL-STD-810G

Method 514.6 (Tested for M-113 APC, Namer APC, Merkava MBT)

SHOCK FUNCTIONAL

MIL-STD-810G, Method 516-6, Proc.I 40G

11ms, Saw-Tooth

EMI/RFI

MIL-STD-461F

INGRESS PROTECTION RATING

IP65

CHASSIS

Aluminum (Docking)

CONNECTORS

MIL-STD-D38999

INTERFACES

- Power IN – D38999
- 10/100/1000 Mbps Ethernet
- RS422 – D38999
- Audio In x 2 (Line + Mic)
- Composite Video In
- Discrete
- HDMI Out
- USB2.0
- GPS In
- JTAG

JOYSTICK & PUSH BUTTONS

- Several Push-Buttons
- 2 x Joysticks
- Fire & ARM Secured Covers

POWER SUPPLY

Input 16-32vdc

DIMENSIONS 230mm H x 369mm W x 40mm D

WEIGHT 2.5 Kg (with Tablet)

COLOR Black, Other colors – Optional

WARRANTY 1-year limited warranty, parts and labor