

## Ground Control Systems (GCS)

# GCS NEXUS II 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 responders, 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

# GCS NEXUS II BASED ON 10.1" RUGGED TABLET



## Tech Specs

**SOFTWARE** Windows 10 Pro 64 bit

**CPU** Intel Core i5-10310U 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 – D38999/20WB35S
- 10/100/1000 Mbps Ethernet – D38999/20WA98P
- RS422 – D38999/20WB35S
- Safety Box – Discretes & 24V Regulated Voltage

### JOYSTICK & PUSH BUTTONS

- Several Push-Buttons
- 2 x Joysticks
- Emergency Mushroom Button

### POWER SUPPLY

Input 16-32vdc

**DIMENSIONS** 240mm H x 480mm W x 110mm D

**WEIGHT** 2.5 Kg (with Tablet)

**COLOR** Black, Other colors – Optional

**WARRANTY** 1-year limited warranty, parts and labor