DURABOOK

Prepared for the Unexpected



GC-R8

Ground Control Station

Engineered for the toughest environments, the GC-R8 integrates seamlessly with the R8 rugged tablet, delivering exceptional durability, clarity, and performance in any condition. Fully customizable button layouts, joystick options, and control schemes let you personalize your operation experience. Long-lasting battery life and versatile connectivity ensure that you stay connected and in control throughout your task, making this controller the ideal choice for professionals who demand reliability, precision, and flexibility for all types of drone control use.

- **Certified to MIL-STD-810H and IP66 standards ensuring field-readiness**
- **Highly customizable control interface tailored for different operational needs**
- **Extensive communication flexibility offering both wired and wireless data links**
- **Wide-ranging connectivity with antenna support covering 5G/LTE and Wi-Fi 5**
- **Lightweight, ergonomic form factor for operational convenience**
- **Full VESA mount compatibility and optional accessories for flexible deployment**

MIL-STD 810H

IP66 CERTIFIED

COOLFINITY

DynaVue

GC-R8 Specifications

DURABILITY
- MIL-STD 810H certified
- IP 66 certified
- 6' drop 26 faces (R8 Tablet)
- Sunlight readable display (R8 Tablet)

PROCESSOR
STM32L Series

CONTROL

LEFT SIDE
- Hall Effect Joystick x 1 or optional Direction-Pad x 1
- Push Button with Flip-Guard Cover x 1
- Push Button x 2
- Push Button (rear side) x 1
- Optional Toggle Switch (with Guard Walls) x 3 (ON-OFF-ON switch with optional lock design)
- Optional Thumb Wheel (rear side) x 1

RIGHT SIDE
- Hall Effect Joystick x 1
- Push Button with Flip-Guard Cover x 1
- Push Button x 2
- Push Button (rear side) x 1
- Optional Toggle Switch (with Guard Walls) x 3 (ON-OFF-ON switch with optional lock design)
- Optional Thumb Wheel (rear side) x 1

I/O INTERFACES
- RJ-45 10/100/1000 (M12 Mil-Connector) x 1
- USB 2.0 (M12 Mil-Connector) x 1
- DC-IN (M12 Mil-Connector) x 1
- Optional 2x Antenna Ports (WLAN)
- Optional 2x Antenna Ports (WWAN)

EXPANSION SLOT
- VESA 75/100 standard mounting hole pattern 75mm x 75mm & 100mm x 100mm (2.95" x 2.95" & 3.94" x 3.94")
- Stylus Holder mounting holes

POWER
19V (DC) - powered by R8 Tablet
(Fits also R8 Tablet with hi-cap battery)

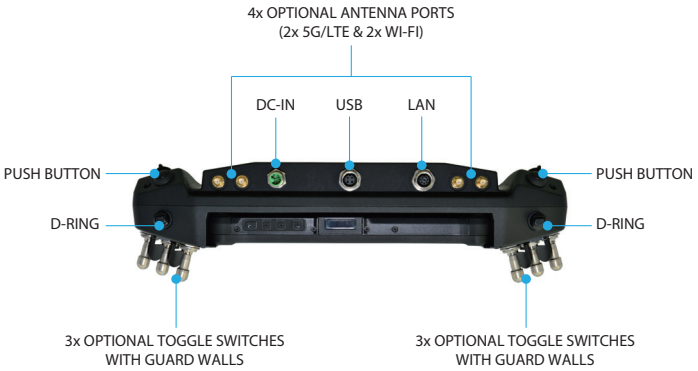
ENVIRONMENT
- Temperature
  Operating: -20°C ~ 60°C / -4°F ~ 140°F
  Storage: -51°C ~ 71°C / -60°F ~ 160°F
- Humidity: 5% ~ 95%

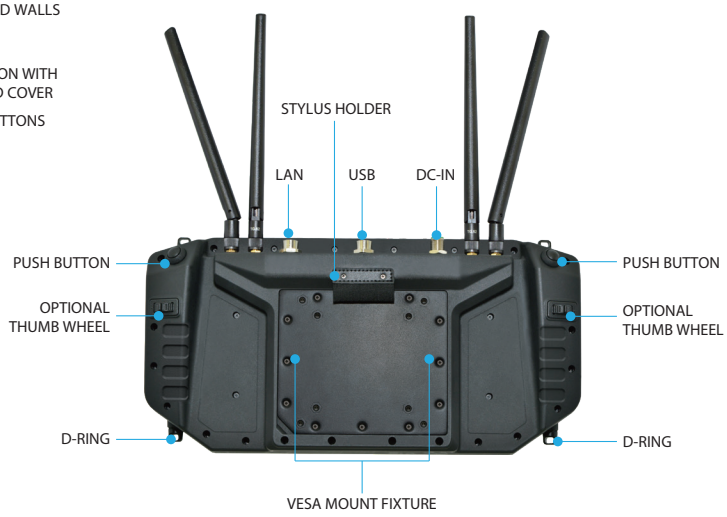
DIMENSION & WEIGHT
- 365 mm (L) x 180 mm (W) x 71.1 mm (H)
  14.37" (L) x 7.09" (W) x 2.80" (H)
- < 1.2 kg / < 2.65 lbs.

Dimension and weight may vary depending on configuration.

ACCESSORIES
- DC-IN (M12 Connector) Cable
- D-Ring Screws (4x)
- Optional 4-Point Shoulder Strap
- Optional 2-Point Shoulder Strap
- Optional Stylus with Tether
- Optional Stylus Holder







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