DURABOOK

Prepared for the Unexpected



GC-R8S

Ground Control Station

Built for mobile field operations, the GC-R8S pairs with the Durabook R8 rugged tablet in a compact controller under 0.85 kg. Dual Hall Effect joysticks, push buttons, and optional toggle switches and thumb wheels put precise control at your fingertips, while M8 Mil-Connectors handle LAN, USB, and DC-IN links. Certified to MIL-STD-810H and IP66, it is a streamlined choice for professionals who need dependable control across drone and unmanned-system operations.

- **Certified to MIL-STD-810H and IP66 standards ensuring field-readiness**
- **Streamlined 8-inch design built for comfortable two-handed control**
- **Precise dual-joystick control with optional toggle switches and thumb wheels**
- **Dependable wired data links through rugged M8 Mil-Connectors**
- **Optional antenna pass-through extending WWAN and WLAN connectivity**
- **VESA mount compatibility and optional accessories for flexible deployment**

MIL-STD 810H

IP66 CERTIFIED

COOLFINITY

DynaVue

GC-R8S Specifications

DURABILITY

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

PROCESSOR

STM32L Series

CONTROL

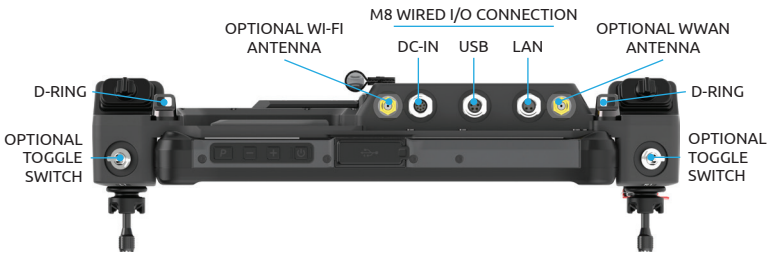
LEFT SIDE

- Hall Effect Joystick x 1
- Push Button x 2
- Optional Toggle Switch (ON-OFF-ON switch) (top side) x 1
- Optional Thumb Wheel (rear side) x 1

RIGHT SIDE

- Hall Effect Joystick x 1
- Push Button x 1
- Push Button with Flip-Guard Cover x 1
- Optional Toggle Switch (ON-OFF-ON switch) (top side) x 1
- Optional Thumb Wheel (rear side) x 1





I/O INTERFACES

- RJ-45 10/100 (M8 Mil-Connector) x 1
- USB 2.0 (M8 Mil-Connector) x 1
- DC-IN (M8 Mil-Connector) x 1
- Optional 2x RF antenna pass-through for WWAN, WLAN

EXPANSION SLOT

- VESA 75 standard mounting hole pattern 75mm x 75mm (2.95" x 2.95")
- Stylus Holder mounting holes

POWER

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

ENVIRONMENT

- Temperature
  Operating: -29°C ~ 63°C / -20°F ~ 145°F
  Storage: -51°C ~ 71°C / -60°F ~ 160°F
- Humidity: 5% ~ 95%

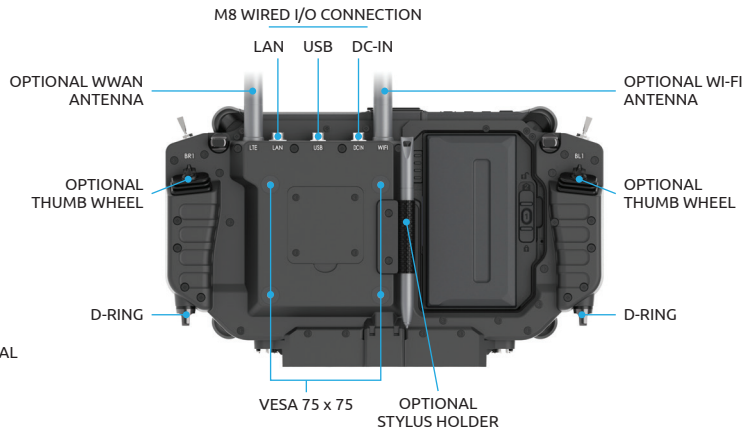
DIMENSION & WEIGHT

- 298.2 mm (L) x 167.2 mm (W) x 53.4 mm (H)
  11.74" (L) x 6.58" (W) x 2.1" (H)
- < 0.85 kg / < 1.87 lbs.

Dimension and weight may vary depending on configuration.

ACCESSORIES

- DC-IN (M8 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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