



Where the **RELIABILITY** and
PRECISION of **NTI** meet
the **PERFECTION** of **DURABOOK**

DRAGONFLY NR-8

**FLEXIBLE TO ALL OF YOUR
NEEDS IN THE FIELD**

Dragonfly Portable
Control System for Civilian
and Industrial Sectors
Equipment

DURABILITY

The Dragonfly ND/R-(X) GCSs are built around Durabook rugged R8 and R11 tablet models, which have screen widths of 8 inches and 11.6 inches, respectively.

Durabook's tablets ensure seamless operation even in direct sunlight. They feature screens with brightness ranging from 800 to 1000 nits and are enhanced with DynaVue® technology. They offer unparalleled performance, powered by Intel® Core™ 12 Gen with vPro™ processors and running on Windows® 11 Pro 64-bit.

When ordering, customers specify tablet specs such as screen brightness rate, processor type, memory and disk size, tablet connectivity, and camera availability.

The Dragonfly NR-8 Standard models are universal, ergonomic, simple to use, and suitable for ground-operating of various customers' equipment.

FLEXIBILITY

A distinctive feature of Dragonfly ground control systems is their flexibility.

• Software

Dragonfly NR-8 Standard allows the installation of any side software and defines controllers' functionality to operate major types of civilian and industrial man-operated equipment.

• Connectors

The Dragonfly NR-8 Standard models are equipped with robust connectors as a standard, allowing the most correct and practical use of Dragonfly NR controller capabilities and third-party equipment. The type, functionality, and manufacturer of connectors can be adapted optionally.

• Controllers

All Dragonfly NR-8 Standard models have the most widely used buttons, joysticks, and switches on the field as a standard. Controllers' type, quantity, and suppliers can be adapted optionally according to the customer's needs.

• Connectivity

The Dragonfly NR-8 control system

can be additionally customized for connectivity with the transceiver module according to the customer's needs.

• Harnesses

NTI Electronics additionally provides custom design and production of external harnesses to maximize the communication quality of the Dragonfly ND/R-(X) portable control systems and clients' third-party equipment.

• Customization

NTI Electronics provides tailor-made, assembled control system solutions that meet and fulfill distinct needs in the field.

RELIABILITY

Dragonfly NR-8 portable GCS Specification.

Dragonfly NR-8 Standard GCS models use globally renowned manufacturers' high-quality robust connectors, controllers, and wires.

Additionally, every Dragonfly NR-8 GCS unit undergoes rigorous testing by an Environmental Stress System (ESS) to ensure resilience against random vibration and temperature cycles, regardless of its model variant.

- Design to MIL-STD_810H
- Design to MIL-STD_461G
- Design to IP 65
- EMC Compliance (EMI/EMC end-to-end shielding)
- CE Certification
- cTUVus Certification
- Two years warranty

CAPABILITY

Dragonfly NR-8 GCS Standard Main Features.

Controllers (Joysticks, Buttons, Switches)

- 2 Axis Hall Effect Joystick x 2
- 1 Axis Thumbwheel Hall Effect Switch x 2
- Push Button x 4
- Push Button with Protective Cover x 2

Optional: Control Switch (TC 5POS) x 1 (Instead of 1 unit of Joystick)

Optional: Toggle Switches

Connectivity Specifications

(BERNIER harsh environments connectors)

- J1 – Uniting all interfaces

Optional: J2 – Dedicated Power

Optional: J3 – USB TYPE-C (USB 3.2)

Interface Specifications

- LAN 10/100
- USB 2.0 x 2

Optional: LAN 1GBps

Optional: USB 3.0x1 (Instead USB 2.0x2)

Optional: USB 3.2 Type C x 1

Operating voltage 19V(DC)

Optional: Built-in DC/DC Converter with customizable input voltage

Integrated Rugged Tablet:

Durabook R8 Rugged Tablet (upon customer's spec)

Dimension & Weight:

(May vary depending on configuration)
315 mm (L) x 177 mm (W) x 81 mm (H)
2.1 kg (with a tablet)

PERFECTIONALITY

Durabook R8 rugged tablet Main Features

- MIL-STD-810H certified
- MIL-STD-461G certified
- IP 66 certified
- 8.0" LCD (1280 x 800), 800 nits DynaVue® sunlight readable display
- 10 points capacitive multi-touch screen
- Finger, Water, Glove, Stylus selectable touch mode
- Intel® 12th Generation processors vPro™: Intel® Core™ i7-1250U, Intel® Core™ i5-1230U, Pentium® Gold Processor 8500
- Intel® Iris® Xe Graphics
- Onboard 8GB up to 16GB (LPDDR4x)
- 128GB NVMe PCIe SSD, *Optional:* 256GB/512GB/1TB PCIe SSD
- Windows® 11 Pro 64-bit, *Optional:* Linux



Contact NTI Today to
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