



**One Controller. Infinite Possibilities.**

# UC-LITE

## Robot Controller

QinetiQ North America's UC-LITE (Universal Controller - Lightweight Interoperable Tactical Equipment) is a common controller that controls all battalion level of unmanned ground vehicles, unmanned aerial vehicles and unattended ground sensors.

### Flexible and ergonomic design

The UC-LITE was designed towards the CRS-I Universal Controller Compliance. This universal controller features an ergonomic design and is compact and lightweight. The interface is available in single and dual screen and with an integrated or standalone radio. UC-LITE's IOP V2 compatible modular design makes it easily adaptable and reconfigurable for multiple operation modes in various field application environments.

The UC-LITE incorporates critical safety design features in accordance with MIL-STD-882E. This enables the UC-LITE to be used as the primary controller for large unmanned vehicles such as RCIS, and operating weaponized payloads.

### Features

- Compact and lightweight Adaptable
- Reconfigurable
- IOP V2 compatible modular design
- Fully integrated with MOCU4 UTC software Certified for Class-I UAS operation

### Benefits

- One controller capable of controlling large unmanned vehicles such as SMET, RCIS and operating weaponized payloads

**IOP V2 compatible modular design**

# UC-LITE

## Lightweight Robotic Controller



Reconfigurable. Adaptable. Lightweight.

### Packaging / Wearability:

- Single pocket system, single cable operation, hot swappable batteries
- Conformal battery compatible
- Total weight 2.5 lb
- Dimension 12" x 7.5" x 2.3"

### Environmental Performance:

- MIL-STD-810G Compliant, IP65, > 1-meter drop
- Operational Temperature Range -5 to 120F
- Storage Temperature Range -20 to 160F
- Operation Endurance > 3 hours

### IOP Compliant I/O Ports:

- Gigabit Ethernet, USB 3.0, Ext. Power In, Audio Headset Port

### Hand Controller Input / Primary Display:

- 7" WXGA 1280 x 800, 10-point capacitive gloved multi-touch, 500 nits, daylight and NVD readable
- Button layout ideal for multi-UxS control, critical safety features (E-Stop, Deadman Trigger)
- MOPP IV compatible
- Optional 7" LCD 2nd display

### Radio Communications

- IP Radio Agnostic, MANET (Mesh) radio compatible
- MPU5, AeroVironment pocket DDL

### Processor Core:

- Intel Core m5-6Y57 2.8GHz, 4MB Cache, 8GB SDRAM, 256 GB SSD, Wifi/BT/GPS

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