



TRC

Tactical Robot Controller

The Tactical Robotic Controller (TRC) is a lightweight, wearable controller that controls a family of unmanned ground vehicles (UGVs) and various unmanned air vehicles (UAVs). Durable and configurable, the TRC features advanced computing allowing for excellent weight/power ratio.

The TRC was designed for advanced mapping and control and simple operation. By simply attaching the communications pack, the operator selects the application on the touch screen and begins to operate the platform.

Key Features and Benefits

Lightweight design

Modular

Rugged

Configurable

Simple operation

Advanced computing allows for excellent weight/power ratio

Advanced mapping and control

Optional dual screen controller

One controller operates over 30 air and ground UxS platforms



Controls Over 30 Air and Ground Uxs Customer Platforms

Unmanned Aerial Vehicles (UAV)	Raven®, Wasp®, Switchblade®, Shrike®, T-Hawk®
Unmanned Ground Vehicles (UGV)	TALON®, Dragon Runner®, Bobcat®, MAARS®, Minotaur®, TITAN
Processor Core	5th Gen i7 2.2G (3.2G peak) DDR3L 256GB SSD, up to 1TB WiFi/BT4.0/GPS 4GB (up to 32 GB) 2x GE, 3x FE, USB 2.0 Passive Cooled
Common Radio Port	100GB Ethernet +12/+24V USB RS-232 NTSC Video Capture Audio In/Out
Hand Controller Input/Display Module	6.5" Monitor XGA resolution (1024 x 768) Daylight readable 1400 nits touchscreen Button layout determined ideal for multiple UxV control, including weaponized UxVs Weight: 2.5 lb Optional dual screen
Auxiliary Port	VGA out NTSC out USB, Ethernet, RS232 Auxiliary power in/out Audio in/out
Packaging	Single pocket system Utilizes MOLLE system to attach to any assault pack Single cable operation Hot swappable batteries Total weight (with hand controller): 7 lb + radios



Collaborating with QinetiQ Inc.

At QinetiQ we bring organizations and people together to provide innovative solutions to real world problems, creating customer advantage. Working with our partners and customers, we collaborate widely, working in partnership, listening hard and thinking through what customers need. Building trusted partnerships, we are helping customers anticipate and shape future requirements, adding value and future advantage.

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