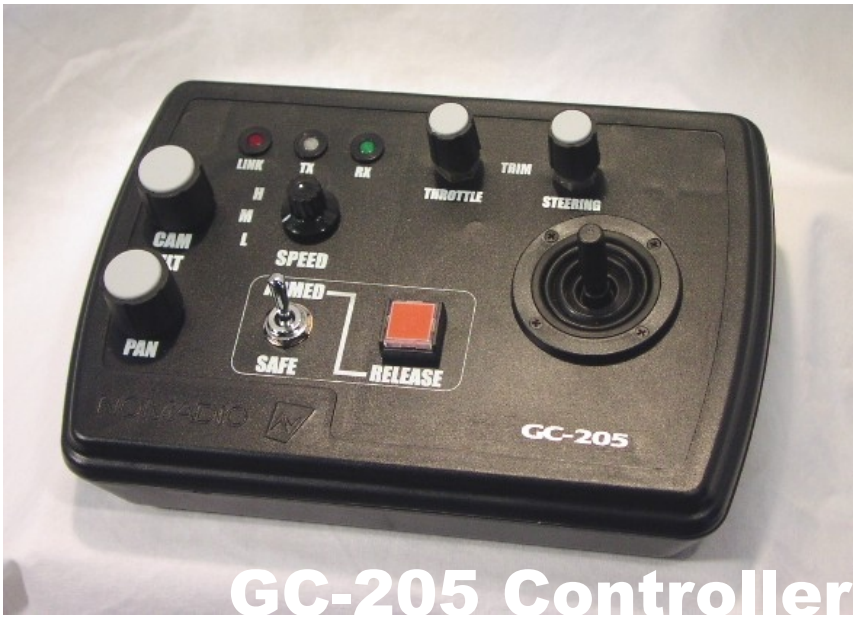
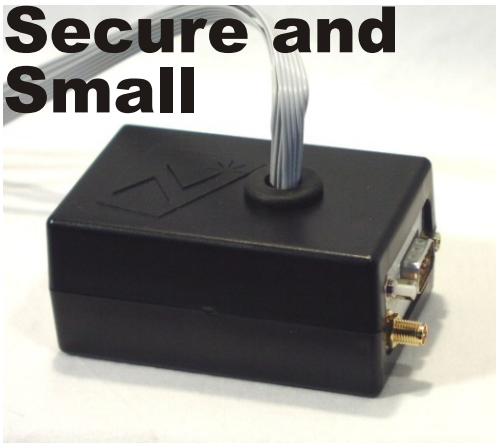
NOMADIO

N-LINK TECHNOLOGY

SECURE CONTROL OF UNMANNED VEHICLES



GC-205 Controller



Recent success in Southwest Asia has proven the usefulness of robots in gaining situational awareness and exploring areas that are hazardous to security forces. However, high-dollar technology may have limited the use of unmanned robots. This situation called for a low cost, expendable, rapidly deployable, secure frequency robot, providing the armed forces much more bang for their buck.

Nomadio has developed a new secure control system that is based on highly redundant and robust digital spread spectrum (DSS) technology.

The N-Link control system has been thoroughly tested for usability in controlling unmanned ground vehicles. N-Link meets or exceeds requirements for range, portability and responsiveness at a fraction of cost of traditional secure robotic platforms. **N-Link** is a rugged platform designed for short, quick and sometimes one-way missions that carry small payloads.

N-Link Features and Capabilities

N-Link's primary military use is for the command and control of small inexpensive robots, sometimes called "BombBots"

Eyes and Ears: Expendable "Bomb Bots" are an inexpensive way to easily put "eyes and ears" around a nearby corner, in a building, down a darkened hallway or various other places in which forces might be placed in harm's way.

Ordinance Disposal: Rather than engage either expensive remote robots or placing demolition experts at risk, the inexpensive Bomb Bot offers a faster and less riskier option. Forces can use the Bomb Bot to place explosive charge on the target and then detonate the explosive from a safe distance.

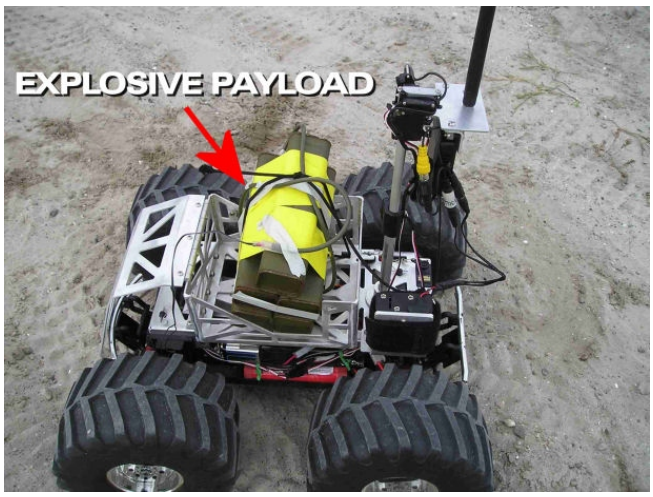
Triggering Tripwires: Should security forces need to rapidly cross a suspected tripwire area, Expendables can be sent across the area, down the hall, around the corner, through the door as forces are faced with making fast life- saving decisions.

NBC: In a nuclear biological and chemical environments, expendables can be used to carry NBC detection equipment, search for survivors or provide real- time information of the situation to the on-scene commander. The low cost of N-Link-based systems allows for immediate incineration of the robot without wasting valuable time and money on decontamination.

The GC-205 system is designed around the 80/20 concept: by implementing 80% of features wanted by recon, sentry and EOD robots, Nomadio can deliver a complete system for 20% of the current cost of other robot vendors.

Nomadio is a minority-owned company based in Philadelphia, PA. The N-Link technology that provides the basis for the GC-205 platform is also being exploited commercially in order to provide high-volume, low cost solutions for expendable military vehicles and controllers. The GC-205 will be available in quantity in the third quarter of 2005.

Nomadio can provide you with evaluation systems and support. We also provide consulting services on payloads, control systems, small robots, and wireless technology. Please contact us with your requirements.



Components

Radio Link - Allows the robot and controller to communicate bi-directionally.

Robot Control Unit - The RCU is a small (2" x 3") box that includes the microprocessor, radio transceiver, sensor inputs and motor control.

Handheld Controller - The Handheld Controller is a handheld radio controller that allows a soldier to control an RCU-equipped robot.

JAUS Compliant - Future controllers in the GC series wll will be JAUS compliant. This will allow universal control of JAUS compatible robots.

- ***LOW COST***
- ***SECURE***
- ***EXPANDABLE***
- ***LIGHT***
- ***C.O.T.S.***

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