

CS3249-1, CS3249G-1 LRAS Turret Controller

For vehicles equipped with Long-Range
Advanced Scout Surveillance System

Features/Benefits

- Safe proportional speed control
- Turret-mounted batteries provide power independent of vehicle
- Built-in battery charge indicator
- Intelligent charging – will not drain vehicle batteries
- Side-mount; low-profile case for LRAS turret configuration
- Simple break-away disconnects power from vehicle when turret is in motion
- Custom-programmable for different vehicles



CS3249-1



CS3249G-1

Description

The CS3249-1 and CS3249G-1 controllers are configured for the LRAS system. The input/output and power ports are located on the side of controller as opposed to the top. The top has special standoff mounting for the LRAS.

These Turret Drive System motor controllers are part of our Turret Control System (TCS) line of products, and are the military's go-to, field-proven solution for safety and accurately controlling the movement of heavily armored turrets with LRAS.

Field-proven and industry standard on tactical vehicles that have been fitted with the Long-Range Advanced Scout Surveillance System.

About Us

Designing and manufacturing field-hardened systems to meet the challenges of the military for over 20 years. Control Solutions LLC, your rapid-response provider of motion control solutions.



Long-Range Advanced Scout Surveillance System



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CS3249-1, CS3249G-1 LRAS Turret Controller



CS3249-1 (shown) TCS Motor Control and Drive Assembly

Specifications

MODEL Number	CS3249-1, Cs3249G-1
Input Voltage	24 VDC
Output Voltage	28 VDC, or 28.8 VDC or disabled (Dip switch selectable)
Output Drive	DC Brush Motor
Continuous Output Amps	40A
Peak Output Amps	120A
Joystick Input (x2) Voltage	0V to +5V
Operating Temperature Range °F (°C)	-40°C (-40°F) to 85°C (185°F) Meets MIL-STD-810G
Weight, lbs. (kg)	16 (7.3)
Dimensions, Inches (mm) (L X W X H)	10.8 x 8.4 x 3.3 (273 x 214 x 82)

Note: Specifications are subject to change without notice.

CS3249 Diagram

