

Neya ARGO R8 UGV



Customized Autonomy, Built to Roam

The Neya Argo R8 UGV is a fully customizable autonomous uncrewed ground vehicle (UGV), powered by Neya's proprietary N-Drive™ autonomy stack.



SPECIFICATIONS

Base Platform

8x8 Amphibious Skid Steer: Enables in-place rotation and precise maneuvering

Autonomy Behaviors

Guarded Teleoperation
Route Following
Waypoint Navigation
Go-To-Point
Area Exploration

Control

JAUS/IOP or ROS control interfaces

User Interfaces

ATAK, Neya FOCUS, RVIZ

OCU

Micronav, Toughpad/Toughbook

Programmable Buttons

Up to 5, customizable by use case

Payload Capacity

1,500lbs

Mission Times

10+hours with 35kWh batteries



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SPECIFICATIONS

Sensors

Supports a variety of PTZ, Drive Cameras, LiDAR, IMU, and GPS

Any COTS or proprietary third-party sensors can be integrated as requested

Communications

MPU5, Silvus Tactical Radios

Doodle Labs Mesh Radios

Satlink Satcomms

Cellular 3G, 4G, 5G

Lighting

Configurable Light Schemas

Visible and/or IR running lights

Visible and/or IR headlights

LiDAR

1x, 2x, 4x Ouster configurations

Drive Cameras

Front, Rear, and Side View

Payload Power

Configurable up to 600W

Computer Power

Intel CPUs or NVIDIA GPUs