



Customized Autonomy, Built to Roam

The Neya Nomad 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 Interface

ATAK, Neya FOCUS, RVIZ

OCU

Micronav, Toughpad/Toughbook

Programmable Buttons

Up to 5, customizable by use case

Payload Capacity

1500 lbs

Mission Time

10+ hours with 35 kWh batteries



neyarobotics.com | info@neyarobotics.com | 724-799-8078

Neya Headquarters
555 Keystone Drive, Warrendale PA 15086



Sensors

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

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

Communications

MPU5, Silvus Tactical Radios

Doodle Labs Mesh Radios

Starlink 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

Compute Power

Intel CPUs or NVIDIA GPUs

NOMAD