



**LET'S WORK
TOGETHER**

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RHINO



TECHNICAL SPECIFICATIONS

SIZE AND WEIGHT

EXTERNAL DIMENSION (L x W x H)	Less than 1.5 x 0.85 x 0.6 m
BASE WEIGHT (Include base battery pack)	< 150 kg
GROSS VEHICLE WEIGHT	< 300 kg
GROUND CLEARANCE	200 mm (Loaded)

CAMERA* (Can be upgraded as per requirement)

LENS	6X Digital Zoom
VIDEO RECORDING RESOLUTION	4K (4096 x 2160)

SPEED AND PERFORMANCE

MAX. PAYLOAD	< 300 kg
MAX. INCLINE	35-40°
MAX. SPEED	18 km/h
STEERING SYSTEM	4 wheel skid(tank) steering
TRACTION	22" Tires

BATTERY AND POWER SYSTEM* (Can be upgraded as per requirement)

BATTERY CHEMISTRY	Li-ion (Li-ion Solid State optional), Sealed Lead Acid Battery
CAPACITY	180 Ah at 19 V
CHARGE TIME	4 hrs
NOMINAL RUN TIME	Li-ion NMC Battery: 4 hrs
USER POWER	5V, 12V Fused [24V optional]

Upto
300 KG
Payload

for
**LOGISTICS
& SUPPORT**

Upto
4HRS
RUNTIME

for a
**LONG
ENDURANCE**
OPERATIONS

4X4
for
OFF-ROAD
Capabilities

INTRFACING AND COMMUNICATION

CONTROL MODES	Manual Remote Controlled , Waypoint Navigation on Non obstructed fields.
FEEDBACK	Mission Status, Route Map, Route Planning, Battery Voltage , Distance to Home, Total Distance Travelled, No of Satellites, Terrain Map, Compass Orientations
COMMUNICATION	Remote Control , Radio Frequency based Image and Video Transmission
DRIVERS AND APIS INCLUDED HARDWARE	DTR MAP Platform for Ground Control Station

ENVIRONMENTAL

OPERATING AMBIENT TEMPERATURE	- 10 to 50 °C
STORAGE TEMPERATURE	- 20 to 50 °C
IP RATING	-(Upgrade to IP 65 Available), MIL STD certification

*Product Photos are for representation only, actual product may differ - Size, Name, and Specification can be changed without prior notice.

* Real Values will be updated after Proper Validation.

