

# **C4i** *communication*

EXPERIENCE THE DIFFERENCE  
YOUR SECURITY & SAFETY PRODUCTS

## **C4i-LTV** **LIGHT TACTICAL VEHICLE** ALL-TERRAIN SELF-CONTAINED MOBILE SURVEILLANCE SYSTEM



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<http://c4communication.com>

# LIGHT TACTICAL VEHICLE

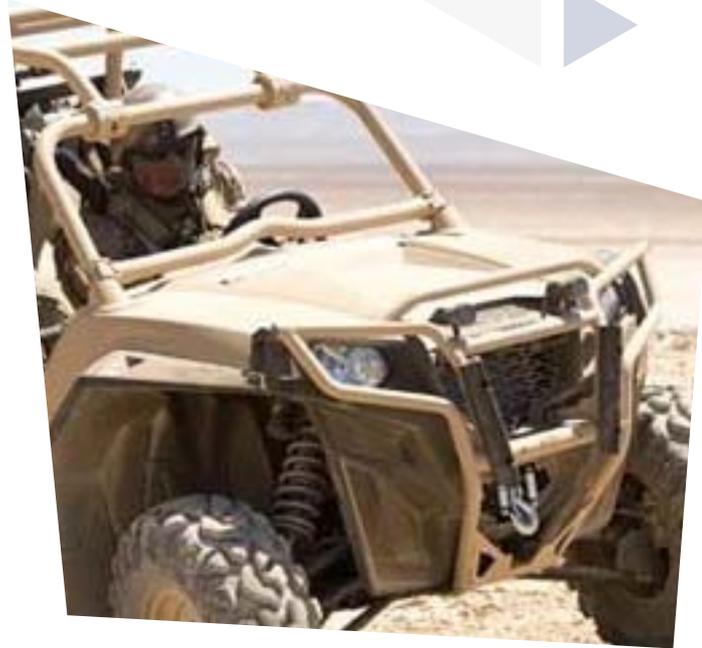
The mission of securing a nation's borders is challenging for many reasons, chief among them is the sheer size of the area that needs to be effectively monitored and patrolled. Vehicle-based platforms need to be able to operate independently, while still integrating with a central command-and-control facility so that sector commanders can reposition their border security assets as the tactical situation demands. C4I Communication border vehicle solutions do all this and more with modular, configurable sensors to match the mission.



The C4I-LTV Light Tactical Vehicle is a lightweight all terrain reconnaissance and surveillance system that features a 4-passenger design. Quickly deployable, C4I-LTV gives operators the ability to go almost anywhere and conduct fully self-contained surveillance missions using advanced radar, electro-optical, and thermal imaging systems.

A single operator can navigate the harshest terrain for long-range missions that support force protection, border surveillance, and target tracking. Complex long-range, world-class sensors seamlessly integrated on a mobile platform maximize ISR and minimize nuisance and false alarms. Swap out payloads depending on the mission.

Network with other sensors, C4I Communication vehicles, and command and control nodes for unparalleled mission effectiveness.



## APPLICATIONS

- FORCE PROTECTION
- BORDER SURVEILLANCE
- TACTICAL RECONNAISSANCE
- PIPELINE SECURITY
- MOBILE SECURITY
- TARGET TRACKING
- LONG RANGE SURVEILLANCE



### RZR Polaris 4

The RZR Polaris 4 maintains internal air transport requirements and adds helicopter sling load capability necessary for expeditionary forces. Internally transportable vehicles have restrictions to size and weight, but Polaris' investment and advances in chassis, driveline, suspension, and other technologies have allowed the company to provide a new level of capability in the MRZR Alpha within the footprint of a V-22 transportable vehicle.



### Ranger® R20SS Land/Coastal

The Ranger® R20SS is a ground and coastal surveillance radar specifically designed to detect and track personnel and vehicles at distances up to 20 kilometers. With its solidstate electronic scanning capability and fast 2 Hz refresh rate, the Ranger R20SS has class leading target detection and acquisition performance. The Ranger R20SS utilizes advanced tracking algorithms which enable fast detection and track initiation resulting in highly accurate target location with a low false alarm rate. The system operates in the X-band for all weather operation and can be vehicle-mounted or stationary.

### Pan/Tilt Long-Range Multi-Sensors

Ranger HRC thermal imaging systems offer extended range performance with HD (1280x720) or high-resolution (640x480) midwave sensors and powerful continuous-zoom telescopes. Available standalone or integrated with visible cameras, laser rangefinder, digital magnetic compass, and robust pan/tilt platform, the Ranger family of sensors provides precision geo-location and superior reliability.



### 3-30m Pneumatic Telescopic Mast

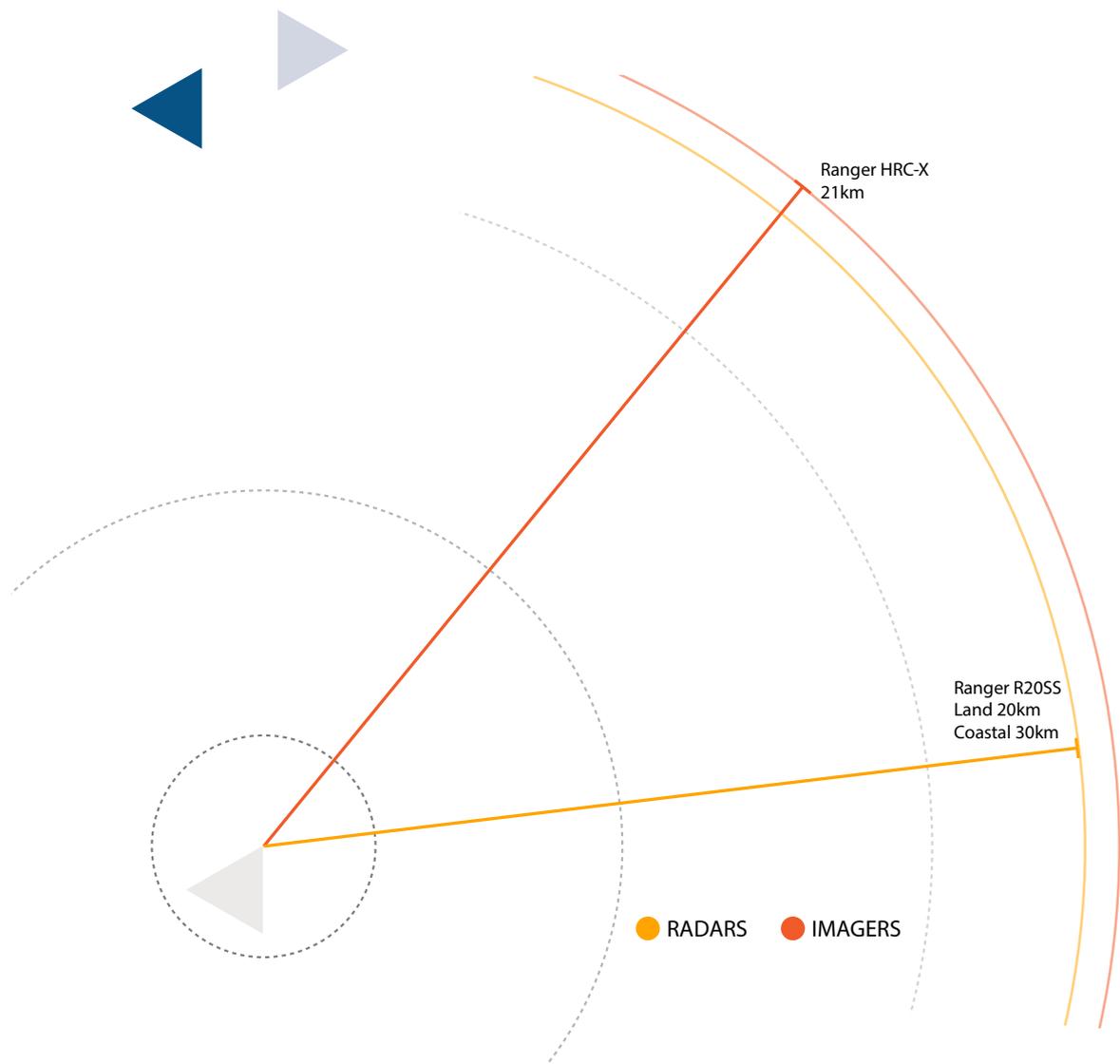
The lifting mast can also provide customers with the installation of fixed lighting equipment, camera equipment, antenna equipment and other lifting functions of the device. It is fixed on the roof or the periphery of the car body, vertical lift to high altitude, to achieve customer reservation function.

## Environmental

Power Options	Battery, Vehicle and Shore Power
Range	93 miles (150 km)
Top Recommended Speed	35 MPH (56.3 KPH)
Length	156.5 in. (397.5 cm)
Width	61.9 in. (157.2 cm)
Height (mast stowed)	60 in. (152.4 cm)
Height (mast deployed)	159.1 in. (404.1 cm)
Weight	2565 lbs (1163 kg)

## Standard Features

Silent Mode Operation
Differential GPS
Weather Station
Shore Power Connection
Cab-Integrated Operator Workstation
Video Monitor
Operator Control Panel and a Camera Hand Control Unit





LEARN MORE: [c4icommunication.com](http://c4icommunication.com)

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