



ALL-TERRAIN SELF-CONTAINED MOBILE SURVEILLANCE SYSTEM

FLIR LTV-X™

Building on the capabilities of the LTV, the LTV-X Light Tactical Vehicle is a lightweight all terrain reconnaissance and surveillance system that features a 4-passenger design, a removable sensor/mast skid, and is V-22 Osprey transportable. Quickly deployable, LTV-X 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, FLIR vehicles, and command and control nodes for unparalleled mission effectiveness. Track over 500 threats simultaneously with onboard Cameleon™ Tactical advanced camera control system.

FEATURES

MISSION-READY IN MINUTES

The system deploys in two minutes by one operator with no tools and is ready to use in five minutes. Easy, single-operator control of sensor and radar payloads.

STATE-OF-THE-ART IMAGING & RADAR CONFIGURATIONS

Choose the FLIR R6SS or R20SS radar, and either the TacFLIR® 230 or TacFLIR® 280-HD thermal camera. NIR, SWIR, and MWIR options.

TAKE SURVEILLANCE TO THE THREAT

Deploy off-road surveillance almost anywhere, in the harshest terrain and in virtually any weather. Most military transport aircraft can carry LTV-X to the threat.

TRACK OVER 500 TARGETS SIMULTANEOUSLY

Cameleon™ Tactical tracks blending of multiple sensors, slew-to-cue of camera to radar, mapping, zone management, video archiving, and alarm notification and management.

LASER OPTIONS

Rangefinder, pointer, and illuminator help make locating, marking and targeting efficient and more effective.

APPLICATIONS

FORCE PROTECTION

BORDER SURVEILLANCE

TACTICAL RECONNAISSANCE

PIPELINE SECURITY

MOBILE SECURITY

TARGET TRACKING

LONG RANGE SURVEILLANCE

SPECIFICATIONS

Radar Options

R6SS - FMCW X-Band

R20SS - FMCW X-Band

Camera Options

TacFLIR-230

TacFLIR-280HD

Camera Wavelength Options

High Definition (HD) Mid-Wave Infrared (MWIR), Short Wave Infrared (SWIR), HD Color Zoom

Payload Options

Lasers	Laser Rangefinder Laser Pointer (NIR wavelength)
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Illuminators	NIR wavelength
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Command & Control

Cameleon™ Tactical	Track blending of multiple sensors, slew-to-cue of camera to radar, mapping functionality, zone management, video archiving and distribution, and alarm notification and management
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Simultaneously Tracking	>500 Targets
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Environmental

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



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The World's Sixth Sense®