LTV-X™

All-terrain self-contained mobile surveillance system

APPLICATIONS

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



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, 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

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.

SPECIFICATIONS

Radar Options	
R6SS - FMCW X-Band	
Camera Options	
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)
Illuminators	NIR wavelength
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
Simultaneously Tracking	>500 Targets
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	



AMERICAS

7055 Troy Hill Dr. Suite 300
Elkridge, MD 21075 USA

EUROPE

2 Kings Hill Avenue - Kings Hill
West Malling, Kent ME19 4AQ
United Kingdom

Antennvägen 6,
PO Box 737
SE-187 66 Täby
Sweden

MIDDLE EAST

Wadi Al Fey St.
Building 60, Office # 302
New Ministries Exit /
Khalifa Park Area
Abu Dhabi, U.A.E.

Saudi Arabia
Office 127, First Floor
Akaria Plaza Building, Olaya Street
Riyadh, 11481, Saudi Arabia

ASIA

10 Kallang Avenue #09-10,
Aperia Tower 2
Singapore 339510

The information contained in this page pertains to products that may be subject to the International Traffic in Arms Regulations (ITAR) (22 C.F.R. Sections 120-130) or the Export Administration Regulations (EAR) (15 C.F.R. Sections 730-774) depending upon specifications for the final product; jurisdiction and classification will be provided upon request. ©2022 Teledyne FLIR LLC. All rights reserved.

Revised on 07/05/22
LTV-X_Datasheet-A4 22-0705