TELEDYNE FLIR

SKYWATCH®

Mobile surveillance and deterrence tower

APPLICATIONS

- MAJOR VENUE CROWD CONTROL
- HIGH-CRIME AREA MONITORING
- MISSING PERSON COMMAND
- FLIGHT LINE PROTECTION
- PERIMETER PROTECTION
- GATE OVERWATCH
- HIGH VALUE EQUIPMENT PROTECTION
- PARKING LOT SURVEILLANCE AND DETECTION



Rising over two stories, SkyWatch is a rugged, highly reinforced mobile surveillance platform with arching ascend that can withstand 60 mph winds while keeping the operator safe, comfortable, and focused. Portable and rapidly deployable, it provides a strategic perspective and deterrent. Customize payload with pan-tilt IR, night vision, visible light cameras, in-cab controls, ground radar, monitors, Network Video Recorder (NVR), and searchlights.

Operators have 360° visibility from an ergonomic command desk in the temperature-controlled cabin. Optional public address system, full-function siren, and roof-mounted, high-powered searchlights with internal pan/tilt control allow operators to alert ground support and crowds of an immediate threat. Wireless video streaming and remote control allow operators to take advantage of the elevated perspective without sitting in the cabin. More than 1,000 SkyWatch systems have been delivered globally.

FEATURES

RAPID DEPLOYMENT AND FULL PORTABILITY

Towable practically anywhere, one trained person can deploy SkyWatch in minutes, safely raising it in about 90 seconds.

POWERFUL MULTI-SENSOR CAPABILITY

All PTZ thermal/day or day/night cameras available and fully integrated into cab along with a 24" monitor, in cab controls and NVR. Wireless connectivity is also offered.

FLEXIBLE DISPLAY VIEWS

Full screen, split-screen display, and two fields-of-view within SkyWatch cab monitor as well as remote streaming video and camera control.

TEMPERATURE-CONTROLLED TOWER

Keep operator comfortable, protected against up to 60 mph gusts, and engaged in active surveillance.

SEE, FIND, DOCUMENT EFFICIENTLY

Payload options include fixed or pan-tilt IR, night vision, visible-light cameras, ground radar, NVR, and searchlights.

SPECIFICATIONS

PRODUCT SPECIFICATIONS	TWO PERSON CAB
Height – Transport (Tow)*	10′ 10″
Height – Transport (Truck)	9′ 5″
Width – Transport	8′ 2″
Length – Transport	24′ 7″
Max Height (Excluding Cameras) - Cab Deployed	30′ 6″
Width – Outriggers Deployed	19′ 0″
Approx. Gross System Weight (lbs)	11,490
Approx. Tongue Weight (lbs)	1,880
TRAILER COMPONENTS AND CONTENTS	
2 5/16 Ball	Standard
16K Single Axle 17.5″ Dual Wheel	Standard
Dual Pump Hydraulic Lifting System	Standard
Hydraulic Reservoir (Gallons)	9
GENERATOR SPECIFICATIONS	
Generator	Options: Diesel with 78 Gallon Tank OR Gasonline with 20 Gallon EVAP Tank
Approx. Diesel Generator Run Time	5 Days
Approx. Gas Generator Run Time	24 Hours
Shore Power	Standard
OFFICERS COMPARTMENT & CONTENTS	
Cab Width – Interior	4′ 7″
Cab Length – Interior	6′ 7″
Cab Height – Interior	6′ 5″
Cab Max Additional Weight (lbs) **	3,100
Window Type	Tinted: 3 Sliding, 1 Fixed
Descent Camera and Alarm	Standard
Blue Strobe Light	Standard
Digital Winder Speed Meter	Standard
Led Flood Lights (4)	Standard
15K BTU Air Conditioner	Standard
Swivel Chair	2

* Values subject to change depending on selected optional configurations
** Includes occupants, gear and selected optional configurations

STANDARD FEATURES
AC and heating for operator comfort
LED floodlights on every side
Under cab safety camera
Strobe light and descent alarm
Tinted windows
Command desk
Digital windspeed meter
Generator, shore power, and fuel tank
12 months parts & labor warranty
ADDITIONAL OPTIONS
Thermal and day PTZ cameras with in-cab control, 24″ monitor, and network video recorder (NVR)
Wireless video streaming and remote control
Ground surveillance radar
Public address system with 100-watt speakers and full-function siren
Roof-mounted, high-powered searchlights with internal pan/tilt control
Service maintenance plans and extended warranties



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
SkyWatch_Datasheet-A4 22-0705