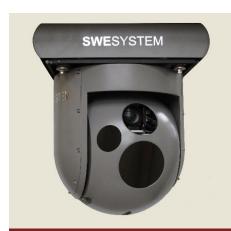




COMPACT MULTI SENSOR SURVEILLANCE PLATFORM

- -High Resolution Thermal and Daylight Imagers.
- -Continuous Zoom for long standoff capabilities

Features like Geo-Reference and Video Tracking Interfaces for Moving Map and Search Lights.



300 LE



Responsive and accurate control

A great choice for Demanding Surveillance Applications.

With Improved Stabilization.

Gyro Stabilized Gimbal

For stable imaging a fully digital 4-axis active gyro stabilization system compensate for the aircraft movements and vibrations.

Reliability and Lightweight

In order to ensure a reliable and lightweight gimbal solution, the Swesystem gimbals are designed and manufactured using an aluminum structure combined with composite covers.

Turret as Single LRU

The TCU is possible to operate as a single LRU, using digital interface.

On Screen Graphics

Operator on screen graphic information like camera angles, GPS, time and date.

Environmental DesignAccording to RTCA DO 160

IMU/INS for Geo-reference Enabling GPS positioning of target.





300 LE Technical

Gimbal System

Type: Four Axis Active Gyro Stabilized Gimbal

Stabilization: ≈ 15 μRad
Coverage Az: 360° continuous
Coverage EI: +90° to -120°
Dimension: Ø 300 mm (11.8")
Weight: 18kg (39lb)

Power: 20-30VDC, 250W

Daylight Imager

Option: HD SD

Type: Full HD 1080p PAL/NTSC

Image Sensor:1/2.8" CMOSSuper HAD CCD (1/4")Number of pixels: $\approx 2,380.000$ Pixels ≈ 570.000 PixelsOptical Zoom: $30x (60^{\circ} to 2^{\circ})$ $40x (60^{\circ} to 1.6^{\circ})$

Digital Zoom: Yes Yes

Thermal Imager

Detector: Cooled MCT **Array Size:** 640x512 pixels

Spectral Range: 3-5µm

NETD: <30mK

Lens: Continuous zoom Fields of View 25° to 2.0° (HFOV)

Object	Detection	Recognition	Identification
Man	9.2 km	2.9 km	1.2 km
Vehicle	15.5 km	6.0 km	3.3 km

Actual Range vary on a number of factors (camera setup, environmental condition, monitors etc)

Accessories

Standard: Turret Camera Unit, Hand Controller Unit,

Interface Unit, Cables

Other Options: IMU/INS, Lasers, Video Tracker, SLASS/Moving

Map Interface, Geo-Reference capabilities.

Installation Kit: Available for most helicopter types, please enquire.







