



The 300 LE Series offer High-End compact multi sensor surveillance capability.

Suitable for applications like Search And Rescue, Law Enforcement and Border Patrol.



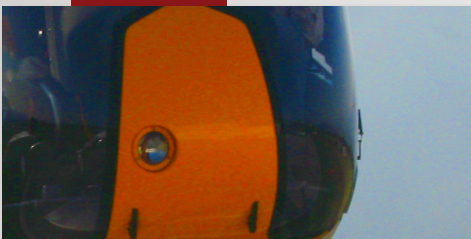
Camera Combinations

The 300 LE Series offers a midwave Thermal IR / TV camera combination featuring a cooled high resolution IR Camera with powerful zoom capability.



Gyro Stabilized Camera Gimbal

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



Reliability and Lightweight

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



On Screen Graphics

On Screen graphics indicating Time and Date, GPS position, etc

System Options

- Laser Range finder
- Laser pointer
- Video Tracker
- SLASS Interface
- GPS
- Monitor
- Spotter Scope

Gimbal System

Type	Four-Axis Active Gyro-Stabilized Gimbal
Stabilization	Typical 25 micro Rad
Coverage Az	360° Continuous
Coverage El	+20° to -120°
Dimension	Ø300 mm (11.8 in)
Weight	20 kg (44 lb) (depending on configuration)
Power Req.	20-30 VDC, 10A



IR Camera

Detector	Cooled MCT	Cooled MCT
Lens	Continuous	Dual FOV
FOV	25°x20° to 2.0°x1.6°	WFOV 18°, NFOV 4°
Array Size	640x512pixels	640x512 pixels
Spectral Range	3-5µm	3-5 µm

Object	Detection	Recognition	Identification
Man	6.3 km	1.7 km	0.9 km
Vehicle	12.4 km	4.0 km	2.0 km

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

TV Camera

Type	HD (up to 1080p)	PAL / NTSC
Image Sensor	1/2.8" CMOS	1/4" HAD CCD
Optical Zoom	20x (55.4° to 2.9°)	36x (57.8° to 1.7°)
Digital Zoom	Yes	Yes
Low light mode	Yes	Yes

Standard Configuration

Turret Camera Unit, Hand Control Unit, Interface Unit, Cable Kit

Intallation

Installation Kit - Available for most helicopter types, pease enquire.

