



The 400 LE Series is an affordable High Performance Surveillance system.

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



Camera Combinations

The 400 LE Series offers a variety of sensor options. Based on high resolution cooled Thermal IR camera in combination with a choice of Daylight Cameras.



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	Ø400 mm (15.7 in)
Weight	30 kg (66 lb) (depending on configuration)
Power Req.	20-30 VDC, 10A



IR Camera

Detector	Cooled MCT	Cooled MCT
Lens	Continuous	Triple FOV
FOV	39x29 to 1.8x1.4	WFOV 22°, MFOV 7°, NFOV 1.7°
Array Size	640x512 pixels	640x512 pixels
Spectral Range	3-5 µm	3-5 µm

Typical Range Performance

Object	Detection	Recognition	Identification
Man	10.5 km	3.2 km	1.7 km
Vehicle	17.6 km	7 km	3.8 km

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



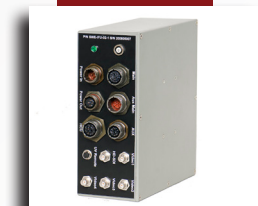
TV Camera

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, please enquire.