

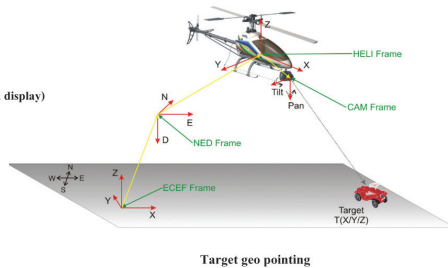
EOAS-I 12 is a light weight (less than 0.5 kg) 2 D.O.F Gyro-stabilized platform equipped with TV camera to be used for reconnaissance, surveillance and tracking targets and can be installed on different flight vehicles such as small UAVs, helicopters and police aerial patrols.

FEATURES

- Day Observation 10x video camera, 42 mm lens with PAL system output images
- Identification and tracking of aerial, sea and land targets using image processing techniques (COR, WCENT, BCENT, MCOR algorithms)
- Touch screen monitor



Touch screen monitor (target selecting is done by touching image on display)



TECHNICAL SPECIFICATIONS

TV Camera

Detector	Color 1/4", EX-View HAD CCD
Field of View-Optical	4.6° ~ 46.0°
Optical Zoom Ratio	10X

Tracker (Optional)

Output Video	Pal
Resolution	720x576 pixels

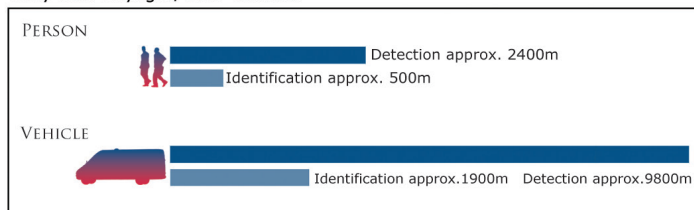
Platform

Power Consumption	12W(Peak),5W(Continuous), 24 VDC
LOS Stabilization	< 4.0 milliradian
Field Of Regard	200° AZ, 0° ~ +90° EL(can be increased to +15° on EL)
Slewing Rate	60°/s Max. on pan and 40 °/s Max on tilt
Weight(Kg)	0.45(kg)
start-up time	D=120 mm, L=150 mm

RANGE CHART

Actual range may vary depending on camera set-up, environmental conditions, user experience and type of monitor or display used.

sony 10X Daylight/color camera



RADAR AND OPTIC