

# HCAM

Harmonization day camera





# High-performance day camera specifically designed for harmonization applications

## APPLICATIONS & BENEFITS

Multi-sensor systems harmonization, notably a combination of inertial navigation units and several optical paths through mechanical interfaces.

The accuracy of ELYNXO design and manufacturing allows the HCAM to be used also for observation and fire control for land, naval and air applications.

## KEY FEATURES

- User centric

Accurate design and manufacturing ensuring a perfect line of sight accuracy and stability: perfect alignment between mechanical interface and video sensor through the whole temperature range.

- Qualitative

Designed and qualified for harsh environments: Salt fog, sand and dust, random vibrations, lateral accelerations, high and low temperature, humidity, chocks, etc....



Example of HCAM integration on a surveillance system

## TECHNICAL CHARACTERISTICS

### Optical Performance :

Sensor	CMOS, 2.4 megapixels
Spectral range	Visible and low light level sensibility
Reticle	Cross-air type, customizable
Horizontal FOV	Full-HD 4.9° - PAL 3.5°
Vertical FOV	Full-HD 2.80° - PAL 2.60°

### Mechanical Data :

- Weight: 600g
- Dimensions: 230mm (L) x 67mm (H) x 66mm (W)

### Electrical Characteristics :

- Video outputs: Full-HD 1080p / 60fps (HD SDI) and SD (PAL)
- Control interface: serial link RS422
- Connectors: D38999 type

### Environmental Characteristics :

- Operating temperature: -10°C / +50°C
- Storage temperature: -20°C / +60°C

### Included :

- Transport suitcase
- Instruction Manual

### On Request :

- Connection cord including video, power supply and control interface
- Cleaning kit

