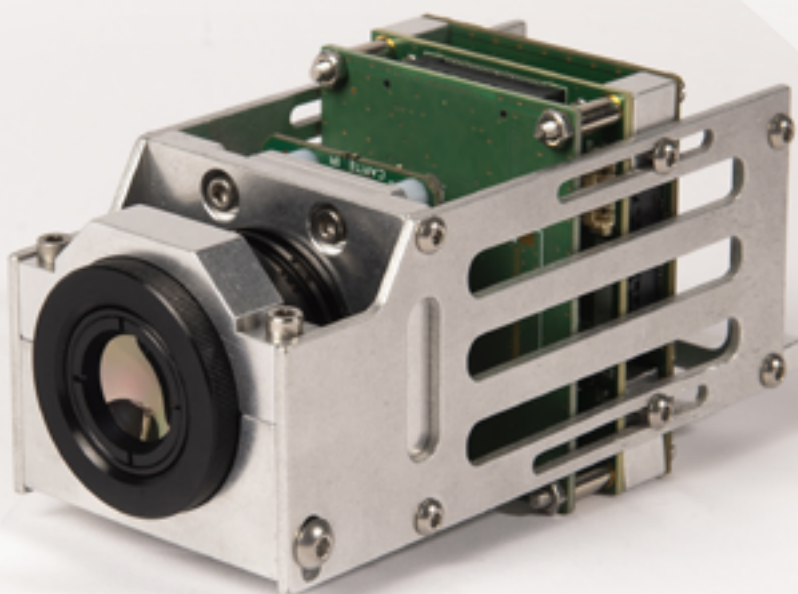




# CAMSIGHT



## Digital Compact Core Camera

- Available in 2 versions: visible color Low Light & LWIR (Long Wave Infra Red)
- Fully digital with a fast time to image
- Light, compact & low-energy consumer
- From narrow to wide fields of view

# CAMSIGHT



## LWIR / Low Light Visible Core Cameras

Reliable and easy to maintain, CamSight are **integrated core camera modules** inside complex optronic systems.

Two versions are available: **thermal** (uncooled and shutterless Long Wave Infrared) and **color low light** (high sensitivity).

Reactive, these high-performance camera modules start in a very short time. Light, compact and low energy consumers, they fit into all systems, regardless of integration constraints.

CamSight offers **several fields of view** (FoV), from wide to narrow, to suit most military & civilian applications.

Thanks to its low time to image and consumption, CamSight has proven its efficiency for **perimeter surveillance missions** by aircraft and land vehicles, **Driver Vision Enhancement** (DVE) for armored vehicles and for the **surveillance of sensitive sites**, as well as **on-board observation from UAVs**.

## High performance Day & Night Cameras:

### CamSight IR

Particularly suited for night operations, CamSight IR includes a high-resolution microbolometer sensor, with uncooled and shutterless technologies, allowing for a single factory calibration, thus eliminating the need for periodic control.



### CamSight LL

CamSight LL includes a state-of-the-art LCMOS visible color Low Light sensor, displaying an image in color under low light conditions, until ~10mlx, and in greyscale under extreme low light conditions, until ~3mlx, without additional illumination.



POWERED BY **PHOTONIS**

## Technical features

### SENSORS

**CamSight IR:**  
UC (8-12 $\mu$ m)  
640x480@17 $\mu$ m

**CamSight LL:**  
CMOS low light color  
1280x1024p

### HFOV

**CamSight IR:**  
30°, 55°, 90°

**CamSight LL:**  
On demand

### CONSUMPTION

< 5,5W

### TIME TO IMAGE

< 5s

### DIMENSIONS

45x65x52mm

### WEIGHT

330g

### VIDEO OUTPUT

3G-SDI  
(1080P@50HZ)

## DISCOVER THE OPTRONIC SOLUTIONS OF BERTIN INSTRUMENTS

**PERISIGHT**



Night & day 360° Land Situational Awareness System

**FUSION<sup>+</sup>SIGHT**



Night & Day Vision Enhancer