

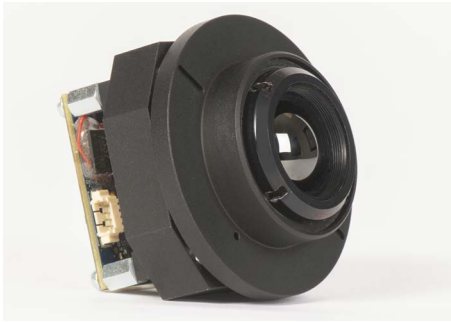


# CAMSIGHT<sup>+</sup> LP



## Low power thermal camera

- Ultra-compact & very low-power consuming (< 1 W)
- Very fast time to image (1.2 seconds)
- Best shutterless sensor technology
- Based on French components



CamSight® LP OEM

# CAMSIGHT® LP

## Low-Power Thermal Camera

CamSight® LP is the latest Original Equipment Manufacturer (OEM) digital core camera produced by Bertin. This camera can be integrated within complex optronic systems. CamSight® LP also exists in a Plug & Play version, dedicated to end-users.

Ultra-compact, CamSight® LP is very low-consuming (less than 1 Watt) to be implemented even in constrained environments.

The camera is equipped with the latest LYNRED infrared sensor. It comes with an uncooled system and a shutterless technology that allows for real time freeze-free image delivery. On demand, Bertin can provide a CamSight® LP version equipped with a high-definition (1024x768 pixels) sensor.

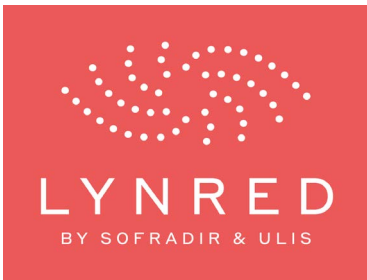
Thanks to its design and high-performances, the CamSight® LP fulfills any surveillance applications and night & day infantry missions, even in harsh and constrained environments. It can also be integrated in autonomous vehicles (UAV, UGV) or in sensors systems (UGS).

## Latest uncooled IR sensor technology

CamSight® LP is equipped with **the well-known LYNRED sensors: PICO GEN2** (HD 1024x768 pixels on demand)

### Technological advantages:

- ✓ Lightweight uncooled camera
- ✓ Robust, resistant to harsh environments
- ✓ Shutterless, for unmatched fluidity giving a 100% available image



Demo Case

## Technical features

### SENSORS

PICO GEN2 (LYNRED)  
640 x 480 pixels  
@17um @25FPS

### SIZE with 19 mm. lens

OEM version: 52 x 52 x 45 mm.  
Plug & Play version:  
60 x 60 x 65 mm.

### WEIGHT with 19 mm. lens

OEM version: 90 g.  
Plug & Play version: 225 g.

### CONSUMPTION

Less than 1 Watt

### OUTPUTS: DIGITAL AND/OR ANALOG

SD-SDI  
Progressive PAL

### TIME TO IMAGE

1.2 seconds

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