



CAMSIGHT⁺ LP



Low power thermal camera

- Low Size, Weight And Power (SWAP): < 1 W
- Very fast time to image: 1.2 seconds
- Best uncooled 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 uncooled PICO LYNRED infrared sensor. Based on a shutterless technology, it allows real time freeze-free image delivery.

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).

Uncooled IR sensor technology

CamSight® LP is equipped with the well-known LYNRED sensor: PICO GEN2

Technological advantages:

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



Demo unit

DISCOVER OUR COMPREHENSIVE RANGE OF OPTRONIC SOLUTIONS



Night & day
360° land situational
awareness system



Handheld
night & day vision
enhancer



Scout camera
for intelligent motion
detection



Technical features

SENSOR

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