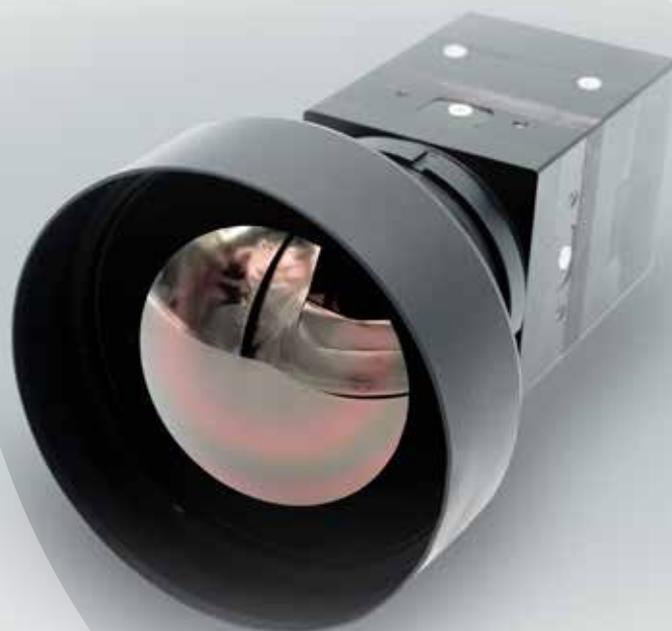




CAM⁺SIGHT_{HD}



High Definition Low SWaP Thermal Camera

- Low Size, Weight and Power (SWaP): <3W
- High definition ATTO LYNRED sensor: 1280 x 1024 @ 12 μ m
- Very fast time to image: <3 seconds
- Full shutterless technology for unmatched fluidity
- Based on French components



CamSight®HD OEM

CAMSIGHT® HD

High Definition Thermal Camera

CamSight® HD is Bertin Instruments' latest Original Equipment Manufacturer (OEM) digital core camera ideal for embedding into complex optronic devices.

Equipped with LYNRED ATTO infrared sensor, CamSight® HD represents the best in Bertin's high-performance uncooled thermal imaging technology within a small, lightweight, and low-power package.

Setting a new standard for size, weight and power (SWaP) with no reduction in performance, CamSight® HD has you covered for any demanding applications such as ground or airborne intelligence, surveillance and reconnaissance. Packed with unmatched set of features, CamSight® HD allows for real time, freeze-free image delivery over a wide range of light level conditions.

The CamSight® HD OEM camera also exists in a Plug & Play version to meet any mission's or end user's requirements. Both versions are available with multiple lens configurations, adding flexibility to integrators and manufacturers.

Ultra-compact & ruggedized design for easy integration



Lens with mount
(Different FOV available)



Core camera



Connector support
(P&P version in option)

Uncooled thermal camera module with bolometer technology



Technical features

SENSOR

ATTO (by LYNRED)
1280 x 1024@12µm pitch

BANDWIDTH

LWIR (8-12µm)

HFOV (°)

15 / 74

NOISE EQUIVALENT TEMPERATURE DIFFERENCE

< 60mK

CONSUMPTION

Less than 3 Watts

VIDEO OUTPUTS

HD-SDI@25HZ

TIME TO IMAGE

< 3 seconds

DIMENSIONS (mm)

Core: 55x40x40
60mm SUP: 72x43x43

WEIGHT (g)

Core: 162
60mm SUP: 350

DISCOVER OUR COMPREHENSIVE RANGE OF OPTRONIC SOLUTIONS



Night and day vision enhancer for ground vehicles



Digital night vision device



Low power OEM camera module