

CamSight® HD



High Definition Low SWaP Thermal Camera

- Low Size, Weight and Power (SWaP)
- High definition LYNRED ATTO GEN2 sensor:
1280 x 1024@12µm pitch
- Freeze-free image delivery for an unmatched fluidity
- Patented shutterless technology
- Designed and manufactured in France
with French thermal sensors



CAMSIGHT® HD

HIGH DEFINITION THERMAL CAMERA

Designed by Bertin Photonics, CamSight® HD is an Original Equipment Manufacturer (OEM) digital core camera ideal for embedding into complex optronic devices. Equipped with LYNRED's ATTO GEN2 infrared sensor, CamSight® HD provides the best thermal image resolution on the market, which allows for digital zoom.

CamSight® HD has you covered for any demanding applications such as ground or airborne intelligence, surveillance and reconnaissance.

Packed with an unmatched set of features, CamSight® HD allows for real time, freeze-free image delivery over a wide range of light level conditions.

CamSight® HD OEM camera also exists in a Quick Connect 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



OEM version



Connector support (Quick connect version)

Unrivalled thermal image quality



Discover the CamSight® family



CamSight® LP_(HS)



CamSight® LS



CamSight® On-demand

Technical features

| | |
|----------------------|--|
| Sensor | ATTO GEN2 (by LYNRED) 1280 x 1024@12µm pitch |
| Bandwidth | LWIR (8-12µm) |
| HFoV (°) | 95 / 56 / 46 / 28 / 24 / 17 / 15 (More on demand) |
| NETD | < 50mK @ F#1/1.0 |
| Consumption | < 2.8W |
| Video outputs | HD-SDI / GigE Vision |
| Time to image | < 3s |
| Dimensions | OEM: 31.5 x 40 x 40mm Quick Connect: 58.3 x 40 x 40mm |
| Weight | OEM: 83g Quick Connect: 128g |