



CLAIRE XL



*Tracking •
Reconnaissance •
Target recognition •*

Detection: 12 km

Recognition: 5 km

Identification: 3 km

*Theoretical values based on Johnson's V50 criteria,
target size is 2.3 x 2.3 m @NFOV.*



Mid-wave infrared camera



Easy intergration for retrofit and modernisation programs



Oberservation and Surveillance

Other key features:

Excellent range performance

24 hours operation



CLAIRE XL

Technical data

The Claire is a cooled mid-wave thermal imager and it is designed for smooth integration into targeting and observation systems.

The Claire meets military requirements and is currently used in vehicles and on vessels (army and navy).

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|---|---|
| Infrared Spectrum | 3000 to 5000 nm (MWIR) |
| Field Of View (FOV) | |
| Wide FOV Narrow FOV Zoom | 12.5° x 9.4° 3.6° x 2.7° 1.8° x 1.4° |
| NETD | Better than 30 mK |
| Line Of Sight (LOS) | |
| Dynamic LOS over zoom | < 0.10 mrad |
| Detector | 768 x 576 pixel, with microscan |
| Input, output and control | |
| Power supply Video output Control Physical | 25 Watt CCIR RS-422 or CAN-bus Single connector for power, control and video |
| Dimensions | 124 x 110 x 318 mm excl. connector size |
| Cooler MTBF | > 16000 hrs |
| Environmental | Complies with MIL-STD |
| Weight | 7.0 kg (approx.) |