



DEFENCE

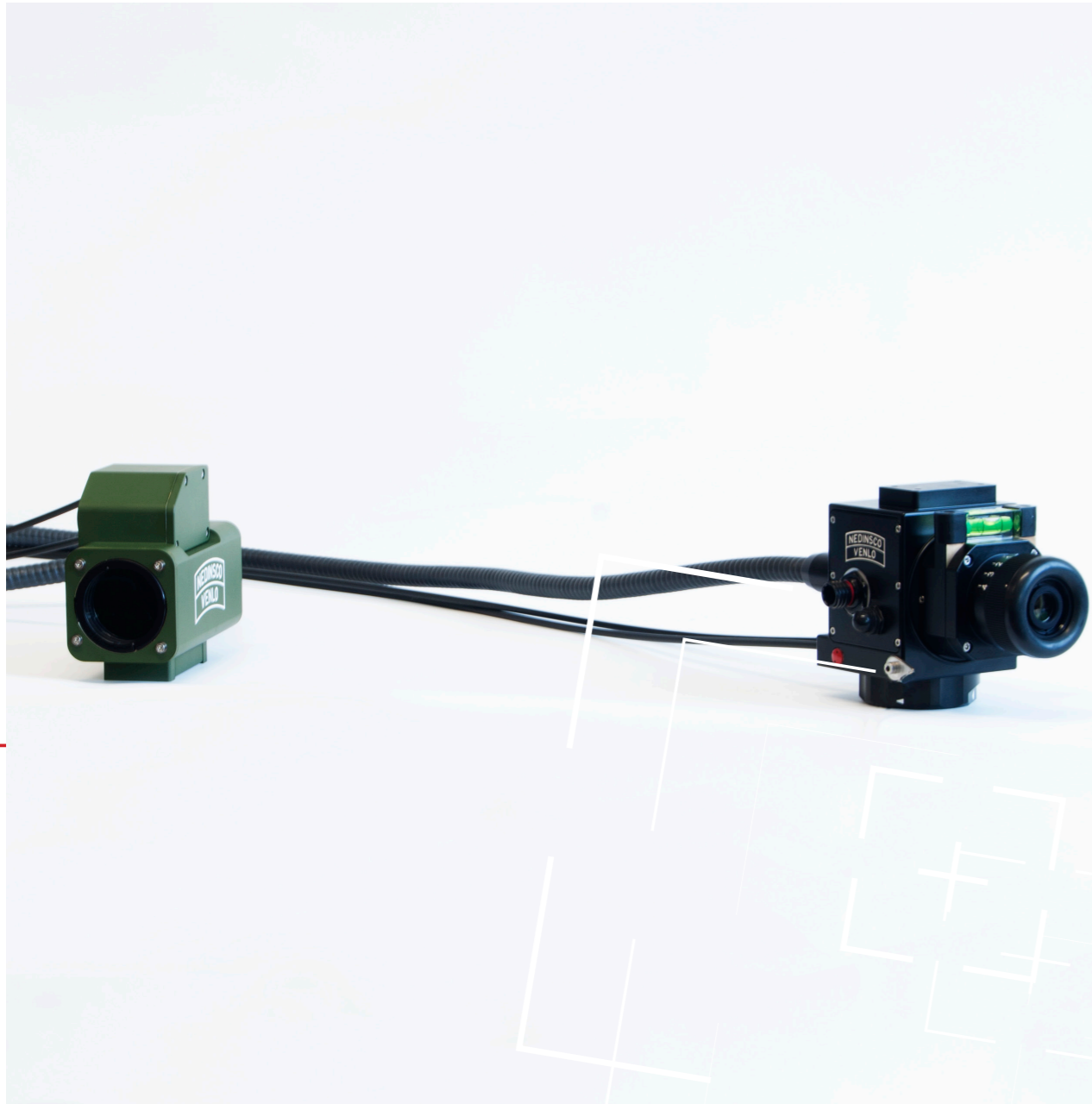


SEMICONDUCTOR

INDUSTRIAL

**YOUR VISION  
OUR OPTICAL SOLUTION**





*Nedinsco is regarded as one of the leaders in the supply of high-quality, state-of-the art systems.*

## DEFENCE MARKET

**Nedinsco's wide range of high-quality products for the defence market is integrated in excellent equipment, used in land and naval systems. Next to the Dutch defence market, customers also include many leading Original Equipment Manufacturers (OEMs) around the world.**

### **Optical systems**

Governments, defence ministries and OEMs in the top segment of the defence market regard Nedinsco as a reliable knowledge partner and optical systems developer. The company's high end cameras, daylight and night vision solutions, sensor platforms, boresights and training systems, are all of the highest quality level.

### **Unique competences**

Nedinsco supplies the defence market with a complete range of products and services based on essential and unique mechanical, optical, electronic and software competences. In the defence world, Nedinsco is regarded as one of the leaders in the supply of high-quality, state-of-

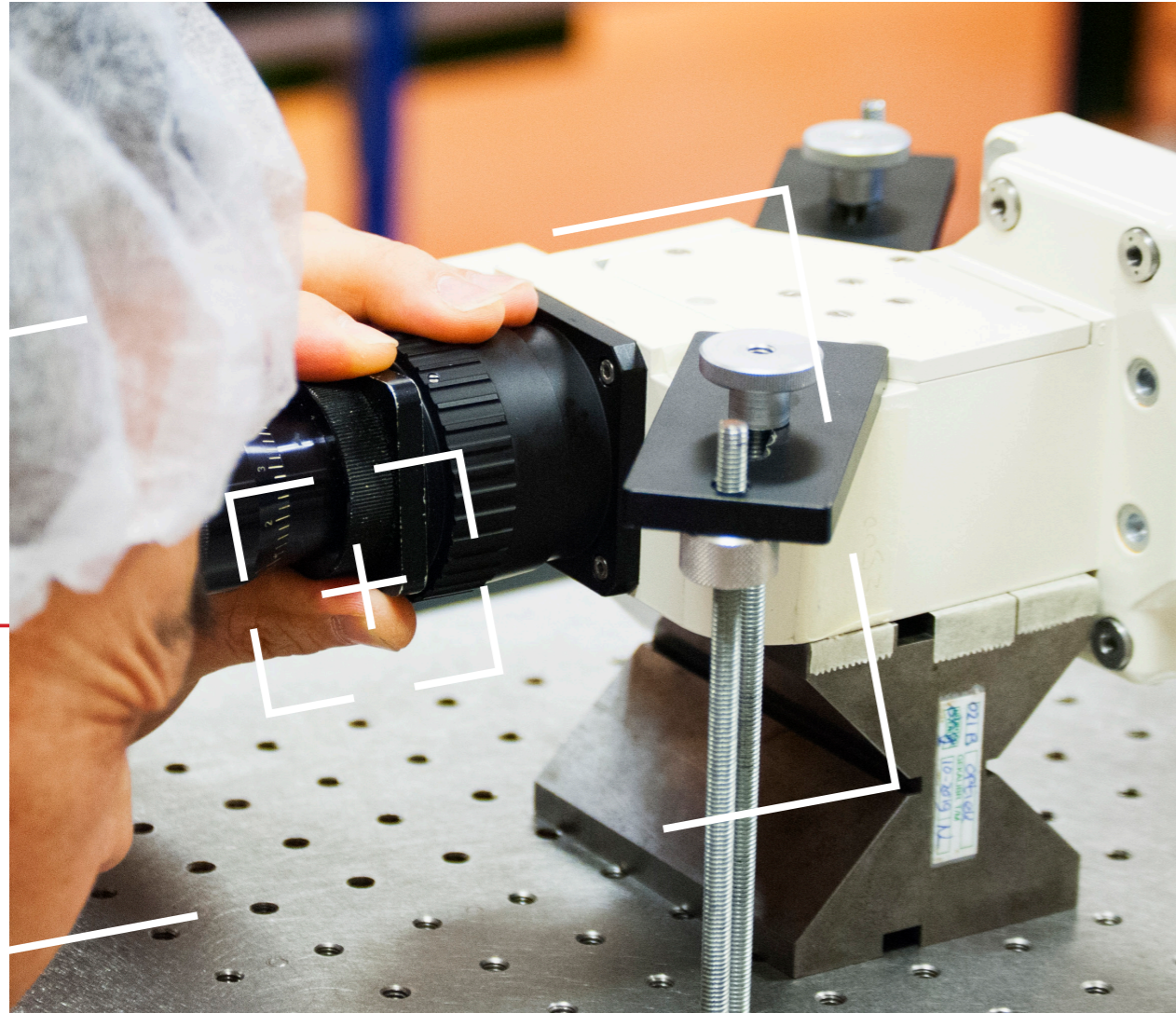
the-art systems with military certification. These systems are designed to meet customers' most stringent demands, both today and tomorrow. All defence products are ruggedised and able to operate under the most extreme conditions.

### **Custom-made products**

Nedinsco's unique strengths lie in the fact that its products extend from unique concepts and prototypes right through to series production and Integrated Logistics Support (ILS). Nedinsco supplies an impressive range of solutions, including both series production and specific, custom made products. These are the results of close partnerships with satisfied, long-term customers, some of them extending back over decades.

# PRODUCTS

## Camera's



## BELLATRIX

The Bellatrix is the solution to see in the dark, without using light or infrared. Even during an 'overcast night without moonlight': 0,0001 lux (0,1 mlx) you have a perfect picture. The camera is based on Nedinsco's unique Ruggedized Continuous Optical Zoom Module, the system provides a stable line of sight even if mounted directly onto the gun.



## CONDOR

With its modular design, excellent Line of Sight, 10 times optical continuous zoom, 4 times digital continuous zoom, the Condor is the best full HD day sight camera on today's market. The system has a fast acting zoom and focus and beside that it is the perfect choice for, tracking, target acquisition applications. Due to the easy integration the camera can be fitted into new, retrofit and modernization programs.



## COS

The close observation camera (COS) is a small colour camera with panoramic sight (60° Horizontal field of view) and a compact design. It's ideal for situational awareness around the vehicle and to the easy integration the camera can be fitted into new, retrofit and modernization programs.



## CLAIRE

The Claire is a cooled mid-wave thermal imager. The Claire 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). The camera is designed to operate day and night, through smoke and fog. The Claire provides excellent images, also during 24 hours operation.



## BAA II

The BAA II is the next generation mission-approved observation and reconnaissance system. The sensorhead, which can also be operated dismounted from the vehicle on a tripod, combines five high performance sensors: a 3rd generation thermal imager, a high-resolution CCD camera, a laser rangefinder, a laser target illuminator / pointer and a clip-on laser targetdesignator. The system can be easily integrated into an existing information and commandsystem, and can be expanded at any time due to its modular design. An automatic motion detection supports the user even on longer missions. The image fusion function combines the data from the thermal imager and the CCD camera to provide a fused image.



## WAO (EOTS)

The EOTS is a stabilised and ruggedised 24-hour day / night observation and targeting system for tanks and anti-aircraft applications. Targets can be immediately engaged at longrange with high precision. The system accommodates 3 powerful sensors: a third generation thermal imager, a highly sensitive day sight CCD zoom camera and an eyesafe laser rangefinder. The mission tested reconnaissance and targeting capabilities of the EOTS are further enhanced by the new integrated automatic tracking system. This small, lightweight platform can be easily integrated into any vehicle or anti-aircraft system and upgraded due to its modular design.

# PRODUCTS

## Camera's en sensorplatforms



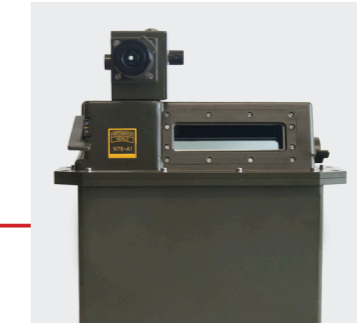
# PRODUCTS

*Direct view solutions*



## CVS (COMMANDER VISION SYSTEM)

The CVS is an independent vehicle sight system to enhance the commander's visual information in the Dutch Boxer during night, dusk and dawn conditions.



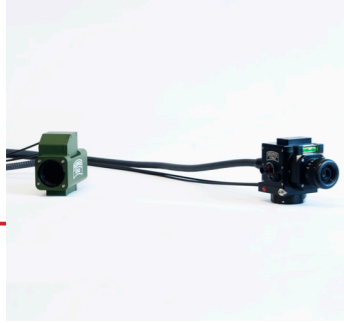
## PERISCOOP

Nedinsco makes different types of periscopes for the defence market that can be used for sighting and observation. They can be customized to be used for all types of armoured vehicles.



## OKULAR ARM

The Okulararm is part of an optical direct sight solution and can be used for 360° situational overview and target acquisition applications. It has manual switchable filters and an adjustable eyepiece.



## BACK UP SIGHT

The backup sight is a direct-sighting device. It enables gunners and commanders of armoured vehicles, to see and aim during complete loss of electrical power in the vehicle. It is proven in field and used in new and retro-fit programs for armoured vehicles. The backup sight can be customised, to be used with different calibers and vehicles. The backup sight is a direct-sighting device, combining high-end optics with a flexible fiber bundle.



## BORESIGHT

The effectiveness of a gun depends substantially on the alignment of the gun barrel in respect to the aiming device. The better the alignment to each other the greater the chance of a hit with the 1st round. The Nedinsco Boresight is used to check and if necessary correct the alignment of the gun with respect to the aiming device. The Nedinsco Boresight is the most accurate Boresight found on today's market.

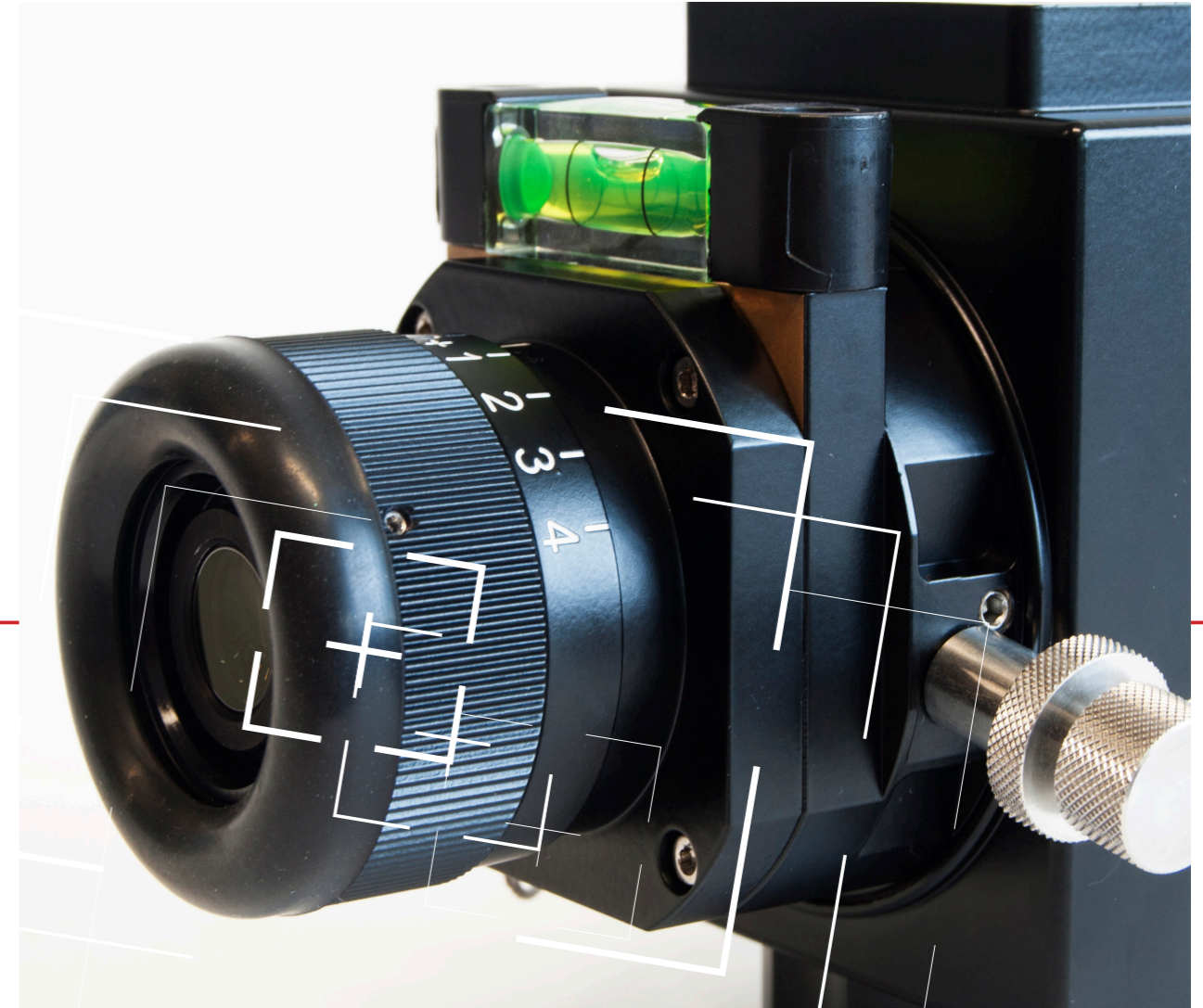


## SPY-EYE

The Spy Eye can be used for almost any military vehicle, having a need for an optical direct view through, for instance, the rear ramp door. The optical field of view is minimal 120°. Therefore, the Spy Eye is covering sufficient area to have a save, quickly and smooth dismemberment procedure.

# PRODUCTS

*Direct view solutions*



# WHY NEDINSCO?

1. Customized solutions & design

2. All capabilities under one roof

3. Low total cost of ownership  
because of top class end-products

4. Nedinsco takes responsibility  
from development to qualification

5. Customer focus is key

6. Nedinsco has the solutions  
for every optical challenge



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