



## 360° Advanced Situational Awareness Day & Night for Army Applications

The Day & Night Camera System is known as WOLFEYE VISION SYSTEM. The system was designed for APC, MBT, SPHS and other special purpose military vehicles. High modularity supports a large number of combinations connected via Ethernet according to NGVA standards.

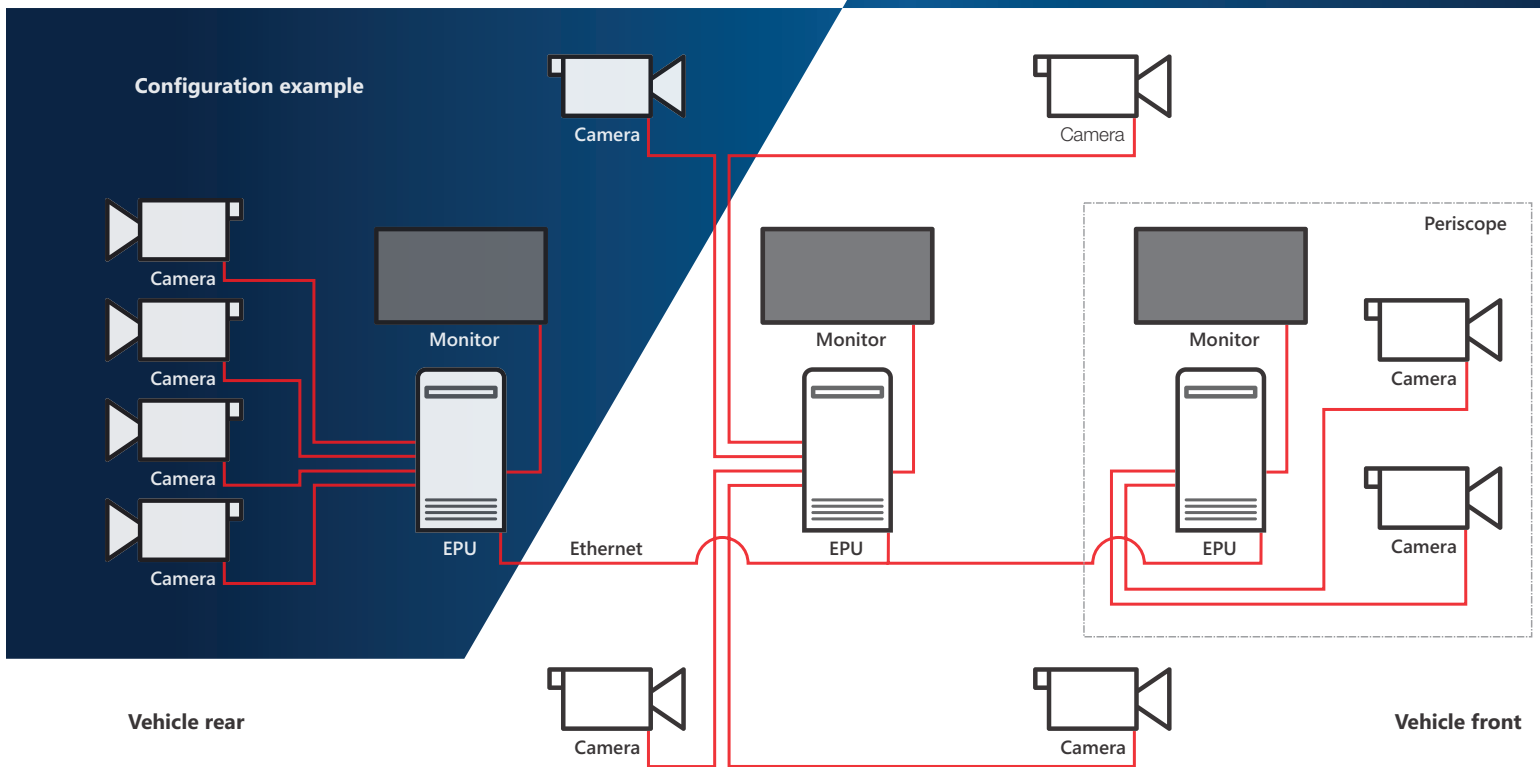
EUROATLAS has developed a new Advanced Situational Awareness System (ASAS) platform for Degraded Visual Environments (DVE). This innovative modular vision system can be integrated in various versions of Main Battle Tank(s), Armored Personnel Carrier(s) (APC) and other special purpose vehicles.

It consists of state-of-the-future sensors and electronic components designed with the latest technology. The components are selected to meet the requirements of MIL-STD 810 and MIL-STD 1275 equipment. The electronics and sensors are housed in a modular body which is protection class IP68K. The system is extremely robust, reliable, proven, and well protected against harsh environmental conditions like gun fire shocks, vibrations, high and low temperatures, water, sand and dust. A special modular software for the image processing with low latency was developed. The software has various capabilities like image fusion, image stitching, on screen data display, zoom & pan mode. The SW can be expanded with further modules and functions.



### Key features

- Modular system
- Lowest latency from glass to glass
- 360° HFOV & up to 270° VFOV
- Day & Night vision
- Advanced sensor offering
- Image fusion
- Image stitching algorithm
- Tracking capability
- High reliability
- Customized configurations
- 20 years support



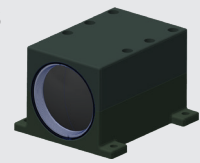
### Wide FOV dual channel camera module

- IP68K with CBNR protection
- Operating temp: -40 to +85°C
- Extreme low latency image fusion of LWIR & CMOS sensors
- Image stitching algorithm for wide HFOV
- Various sensor configurations available
- Optional rotatable and tilt unit
- Optional multi track SW
- Optional ballistic protection
- STANAG 4569 Lev. II or N.I.J 0108.01 Lev. III



### Single Sensor Module, P/N: 010103

- compact size
- rearview camera module
- IP68K
- Various sensors available



### Monitor Modules with Key Panel

- Ratio: 4:3 or 16:9 version
- Dimension: 7" / 8,4" / 9"
- Res.: XGA, WXGA, FHD
- Operating: -40°C to +71°C
- Housing: IP65
- Illuminated keys, dimmable
- Detachable and adjustable



### Embedded Processing Unit (EPU)

- Operating temp: -40 to +71°C
- 2x single or 2x dual Framegrabber
- 4x Output interfaces (monitor)
- Recording function
- 8x Output's for external control
- Fast & robust SLC SSD memory
- Linux operating system
- Low latency image processing
- Passive cooling



### Driver and Commander Periscope

- Fast push-pull installation and disassembly
- IP68K with CBNR protection
- Detachable and adjustable monitor
- Operating temp: -40 to +71°C
- Passive system
- Digital image processing with low latency
- Various sensor configurations available

