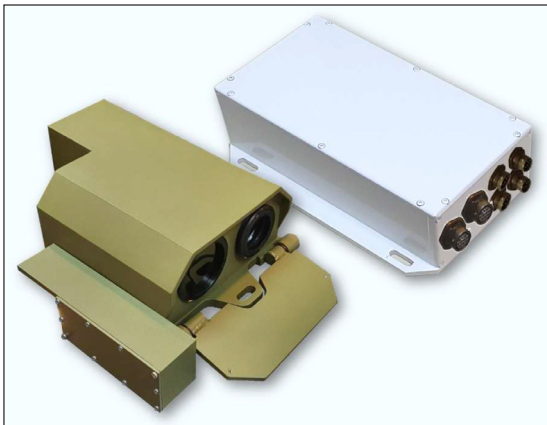


# SDNV-19

## Optoelectronic system for armored vehicles



**SDNV-19** is a Driver Viewer Enhancer (DVE) solution enabling device. It provides situational awareness and the ability to drive in complete darkness or difficult visibility conditions.

### Features:

- Enhanced thermal night vision capabilities enable driving in complete darkness and through smoke, dust and dirt
- Modular kit – each component can be supplied separately
- User-friendly operation
- Variety of wide viewing angle
- Sealed enclosure
- Off the shelf supply – short time to market
- Highly affordable and cost-effective
- Easy installation

**SDNV-19** provides the ultimate vehicle vision solution for a wide range of military armored vehicles.

### Technical characteristics :

#### Thermal camera

- FPA Vox Uncooled microbolometer
- Resolution 800x600 pixels, 17µm
- Horizontal FOV 96°
- Vertical FOV 72°
- Focal length 8.3 mm
- Lens type Fixed lens
- Depth of field 2 m

#### Day camera

- Image sensor Starlight, 120dB true WDR1/2.8" CMOS
- Resolution 1937(H)x1097(V), 2.1 MP
- Minimum illumination 0.005 Lux/F1.6
- Horizontal FOV 87°
- Focal length 3.6 mm
- Lens type Fixed lens/Fixed iris
- Close focus distance 1.2 m

#### Characteristics

- Optional displays 7"
- Operating temp. -30°C to +70°C
- Operating voltage 10-36V
- Analog video PAL
- Dimens. of OS device 206x188x80 mm
- Junction box 260x175x80 mm

