

SDNP-19

Optoelectronic system for armored vehicles

The SDNP-19 system is designed to operate as a Driver View Enhancer (DVE). Equipped with a thermal camera and a daytime camera, it is capable of providing 24/7 coverage, be it in conditions of difficult visibility or complete darkness. The system consists of multiple units positioned around the vehicle in order to ensure a 360° view. It is designed with challenging working conditions in mind, fulfilling the most rigorous of military standards.

Technical characteristics :

Thermal Camera

- Detector type Uncooled, VOX
- Resolution 640 x 512 px, 17µm
- Horizontal FOV 78°
- Vertical FOV 58°
- Focal length 8.3 mm
- Lens type Fixed
- Depth of field 2 m



Daytime camera

- Type 1/2.8 inch, 8 MP
- Resolution 1920 x1080
- Min. illumin. 0.001 Lux/F1.0
- Horizontal FOV 87°
- Vertical FOV 72°
- Focal length 3.6 mm
- Lens type Fixed
- Close focus distance 1.6 m
- Video compression H.265/H.264B/H.264H/MJPEG
- Smart codec support H.265+/H.264+

Operating characteristics

- Operating temp. -30°C to +70°C
- Operating voltage 10-36V
- Analog video PAL
- Ethernet RJ-45 (10/100 Base-T)
- Dimensions of OS device 211x160x100 mm
- Junction box 296x260x76 mm

