

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





