



## Optoelectronic System for Armored Vehicles C4i-SDNP-19

The C4i-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		
<b>Thermal camera</b>		<b>Focal length</b> °3,6 mm
<b>Detector type</b>	Uncooled, VOX	<b>Lens type</b> Fixed
<b>Resolution</b>	640x512 px, 17µm	<b>Close focus distance</b> 1,6 m
<b>Horizontal FOV</b>	78°	<b>Video compression</b> H.265/H.264B/H.264H/MJPEG
<b>Vertical FOV</b>	58°	<b>Smart codec support</b> H.265+/H.264+
<b>Focal length</b>	8,3 mm	<b>Operating characteristics</b>
<b>Lens type</b>	Fixed	<b>Operating temperature</b> -30°C - +70°C
<b>Depth of field</b>	2 m	<b>Voltage</b> 10-36 V
<b>Daytime camera</b>		<b>Analog video</b> PAL
<b>Type</b>	1/2,8 inch, 8 MP	<b>Ethernet</b> RJ-45 (10/100 Base-T)
<b>Resolution</b>	1920x1080 px	<b>Dimensions of OS device</b> 211x160x100 mm
<b>Min. illumination</b>	0,001 Lux/F1,0	<b>Junction box</b> 296x260x76 mm
<b>Horizontal FOV</b>	87°	
<b>Vertical FOV</b>	72	