



Vehicle Vision System VVSC4I-20

VVSC4I-20 is an optoelectronic system intended for vehicles with a need for additional driver safety. It offers high quality spatial awareness, with an emphasis on enhanced depth of field, giving the driver a natural view of the surrounding area. The system is also equipped with a thermal camera, providing better sight during low visibility conditions and nighttime driving.

TECHNICAL CHARACTERISTICS			
Frontal dual lowlight camera and rear camera		Thermal camera	
Image sensor	1/1,18 inch, 16:9 CMOS, 2MP	Detector type	Uncooled, Vox
Resolution	1920x1080 px, output 800TVL	Spectral range	8-14 μm
Min. illumination	0,01 lx	Pitch size	17x17 μm
Field of view	60°	Resolution	640x515 px
Monitor panning		Field of view	60°
Operating angle	±60° (180° viewing angle)	Ocular displays	2
Electronics		Diopter adjustment range	± 4 dptr
Controlled by microprocessor		Eye relief	20 mm
Embedded within operating system		Display resolution	800x600 px
Head movement tracked by gyroscope		Technology	OLED
Operating conditions			
Voltage	10-32 V		
Temperature	-20°C - +50°C		