



01 / CAPABILITY OVERVIEW

VVS-2020

VVS-2020 vehicle vision system



FIG 01 PRODUCT CONFIGURATION

8-14 um

THERMAL SPECTRAL RANGE

60 deg

CAMERA FIELD OF VIEW

**1920x1080 px,
800 TVL output**

CAMERA RESOLUTION

**Frontal dual low-light and
rear camera, 1/1.18 in
16:9 CMOS, 2 MP**

CAMERAS

01.1 / OVERVIEW

Optoelectronic driver vision system with frontal dual low-light cameras, rear camera and thermal camera feeding a gyroscope-tracked twin ocular display.

TYPE

Armoured vehicle

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

VVS-2020 / TECHNICAL EQUIPMENT

PERFORMANCE

Camera resolution	1920x1080 px, 800 TVL output
Camera field of view	60 deg
Thermal spectral range	8-14 um
Thermal field of view	60 deg
Diopter adjustment range	+/-4 dptr

INTERFACES AND OPERATION

Voltage	10-32 V
Operating temperature	-20 deg C to +50 deg C

ADDITIONAL TECHNICAL DATA

Cameras	Frontal dual low-light and rear camera, 1/1.18 in 16:9 CMOS, 2 MP
Minimum illumination	0.01 lx
Monitor panning	+/-60 deg (180 deg viewing angle)
Thermal detector	Uncooled VOx, 640x515 px, 17x17 um pitch
Ocular displays	2, OLED, 800x600 px
Eye relief	20 mm