

NEBULA

FUSION DRIVER SIGHT



NEW GENERATION
UNCOOLED LWIR BAND
THERMAL IMAGER



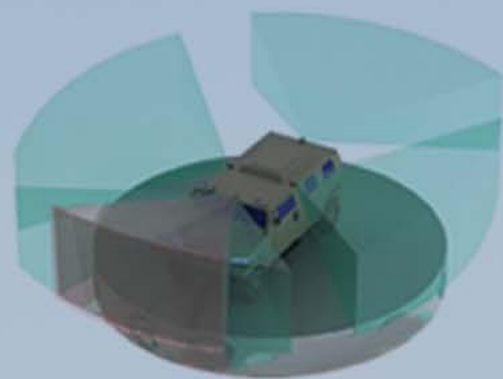
HIGH QUALITY
LOWLIGHT
CAMERA



MULTI-BAND SIMULTANEOUS
SURVEILLANCE WITH FUSION
TECHNOLOGY



REAL-TIME
SURVEILLANCE WITH
ZERO DELAY



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GENERAL FEATURES

NEBULA series thermal imagers use IRFPA military-grade uncooled thermal imaging detectors and low-light CMOS sensors. Vehicle Mounted Thermal Camera Advanced Driver Assistance Systems Vehicle Camera provides continuous driving ability in pitch darkness, dense smoke, dense fog and other bad weather conditions. It effectively helps drivers avoid unexpected obstacles. It distinguishes all the details on the road by providing a sense of depth with fusion technology.



TECHNICAL SPECIFICATIONS

THERMAL CAMERA

Detector	640x512 Uncooled VOx LWIR FPA
Pixel Pitch	12 μ m
NETD	< 40 mK
FOV	45°x38°
MRTD	< 300mK @ 0.38 cyc/mrad

ELECTRICAL

Video Out	SDI, Ethernet, PAL Analog
Operating Volts	12-32 VDC, 6W
EMI, EMC	MIL-STD-461F, MIL-STD-1275E

ENVIRONMENTAL

Operating Temp.	-32°C ~ 55°C
Storage Temp.	-40°C ~ 75°C
Humidity	%95 @40°C
Vibration, Shock	MIL-STD-810G
IP level	IP67
Dimensions	80x50x46 mm
Weight	<570 gr

LOW LIGHT TV CAMERA

Detector	CMOS Color Low Light
Resolution	800x600
Min. illum.	0.001 lux
Wavelength	400-1100 nm
FOV	45°x38°