



# IRVIS

## 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

# IRVIS

## FUSION DRIVER SIGHT

### GENERAL FEATURES

IRVIS 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

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

#### LOW LIGHT TV CAMERA

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

#### ELECTRICAL

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

#### ENVIRONMENTAL

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