

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

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

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

LOW LIGHT TV CAMERA

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

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 |