

DVS-Wide

DRIVER'S VISION SYSTEM-WIDE

UNCOOLED THERMAL IMAGING SENSORS
ULTRA WIDE HORIZONTAL FIELD OF VIEW
HIGH RESOLUTION DISPLAY&CONTROL UNIT
ABILITY TO SEE BOTH SIDES OF THE ROAD





DVS-WIDE

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Applications

- Main Battle Tanks
- Armored Combat Vehicles
- Infantry Fighting Vehicles
- Driving at night conditions

Main Features

- Three Uncooled Thermal Images
- Fixed Focus (No Need to Adjust Focus)
- Polarity Change
- Gain and Level Adjustment

Technical Specifications

- Number of Sensors : 3 detectors
- Frequency Band : 8-12 μm
- Detector : Uncooled
- Detector Resolution : 640x480 (each sensor)
- Detector Pixel Size : 17 μm
- Field of View : 120° x 30° ($\pm 10\%$)
- Video Output : Ethernet
- Communication : RS422, Ethernet
- Power : 18-33 VDC, MIL STD 1275-D

Environmental Conditions

- Operating Temperature : -40°C, +55°C
- Storage Temperature : -40°C, +60°C
- Environmental Spec : MIL-STD-810G

Standard Accessories

- Display and Control Unit (DCU)

Optional Accessories

- Rear Thermal Camera (DVS-Compact)

