

# TSGS

## TANK DRIVER VISION SYSTEM

THERMAL + CCD CAMERA

8.4" LCD DISPLAY

COMPACT & MODULAR DESIGN





# TSGS

## TANK DRIVER VISION SYSTEM

### Applications

- Situational Awareness
- Day and Night Usage
- Advanced Vision Capability

### Main Features

- Front Sight Unit (Thermal + CCD Camera)
- Rear Sight Unit (Thermal + CCD camera) - Optional
- Driver's Control and Display Unit
- Fixed Focus (No Need to Adjust Focus)
- Image Freeze (Thermal)
- Polarity Change (Thermal)
- Gain and Level Adjustment
- Accessing Functions via Menu
- Flexible Menu
- Display Brightness Adjustment

### Technical Specifications

- Operating Band (Thermal) : 8-12  $\mu\text{m}$
- Detector (Thermal) : Uncooled, 640x480 pixels
- Field of View (HxV) : (Thermal+CCD) 70°x56°
- Digital Zoom (Thermal) : X2
- Video Output (Thermal) : CCIR
- Video Output (CCD) : PAL
- Weight (Sensor) : 2.8±0.3 kg
- Weight (Display) : 2.7±0.3 kg
- Communication Interface : CAN Bus v2.0A/v2.0B
- RS422 : Optional
- Ethernet : Optional
- Power Interface : MIL-STD-1275D

### Environmental Conditions

- Operating Temperature : -40°C / +55°C
- Storage Temperature : -45°C / +55°C
- Environmental Spec : MIL-STD-810 G

