Main Features and Capabilities:

- Advanced multiple-sensor stabilized-LOS payload for observation, surveillance, tracking, and targeting
- Unique design enables easy in-the-field reconfiguration and provides flexibility to the user.
- Ideal solution for light reconnaissance aircraft, static pole installations, UAVs, military and police helicopters, naval vessels, and ground vehicles
- Sensor configuration includes state-of-the-art, high sensitivity, large format FPA of the 3-5μ band Thermal imager
- Contains powerful continuous-zoom, Day TV (DTV), with Near-IR (NIR) capability and a laser pointer
- Active dual-axis stabilized gimbals, with real time automatic video tracker (AVT), make it the perfect solution for image vibration compensation.
- Compact size, easy installation, and simple electrical interface

Technical Specifications:

- Dimensions: 10” x 15” (25 cm - 38 cm)
- Weight: 35 lbs (16.3 kg)
- Stabilization: <40 μRad
- Slewing Rate: 65°/second max
- Power consumption: 120 W

Thermal Imager:

- Detector: 3-5μ 640x480 Pixels
- Fields of View (FOVs): Wide, Medium, Narrow, Super-narrow

Day TV (DTV):

- Detector-type, band: Color 1/6”, Near IR
- Optical F.O.V.: 1.0°-22.5°
- Electronic Zoom: 1:2
- Total Zoom: 1:45

Other Specifications:

- Automatic Video Tracker: Correlative
- Laser Pointer: Wavelength: 830 nm (Eye safe)  
  Beam Divergence: 0.5 mrad or 0.3 mrad
- Laser Range Finder: Wavelength: 1.54 μm (Eye safe)
- Options: Optical Magnifier for the Thermal Imager and the Day TV, Laser Designator, Video Motion Detection (V.M.D.)