CANOVATE®
BALLISTIC SYSTEMS

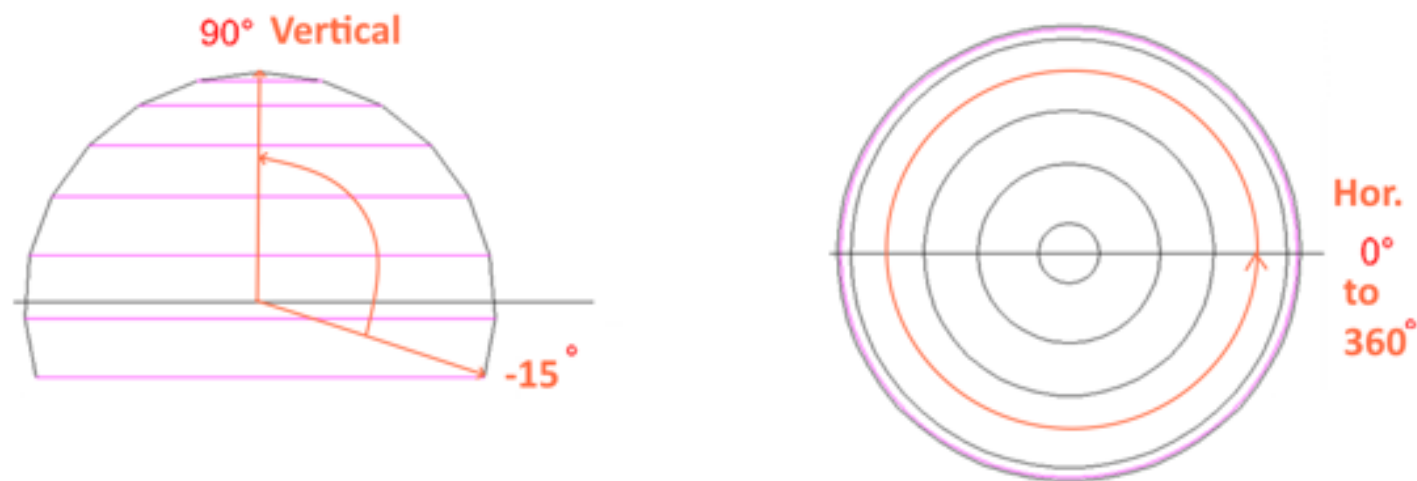**3D PanTher®**
Panoramic Thermal Radar

Deep Learning AI Based
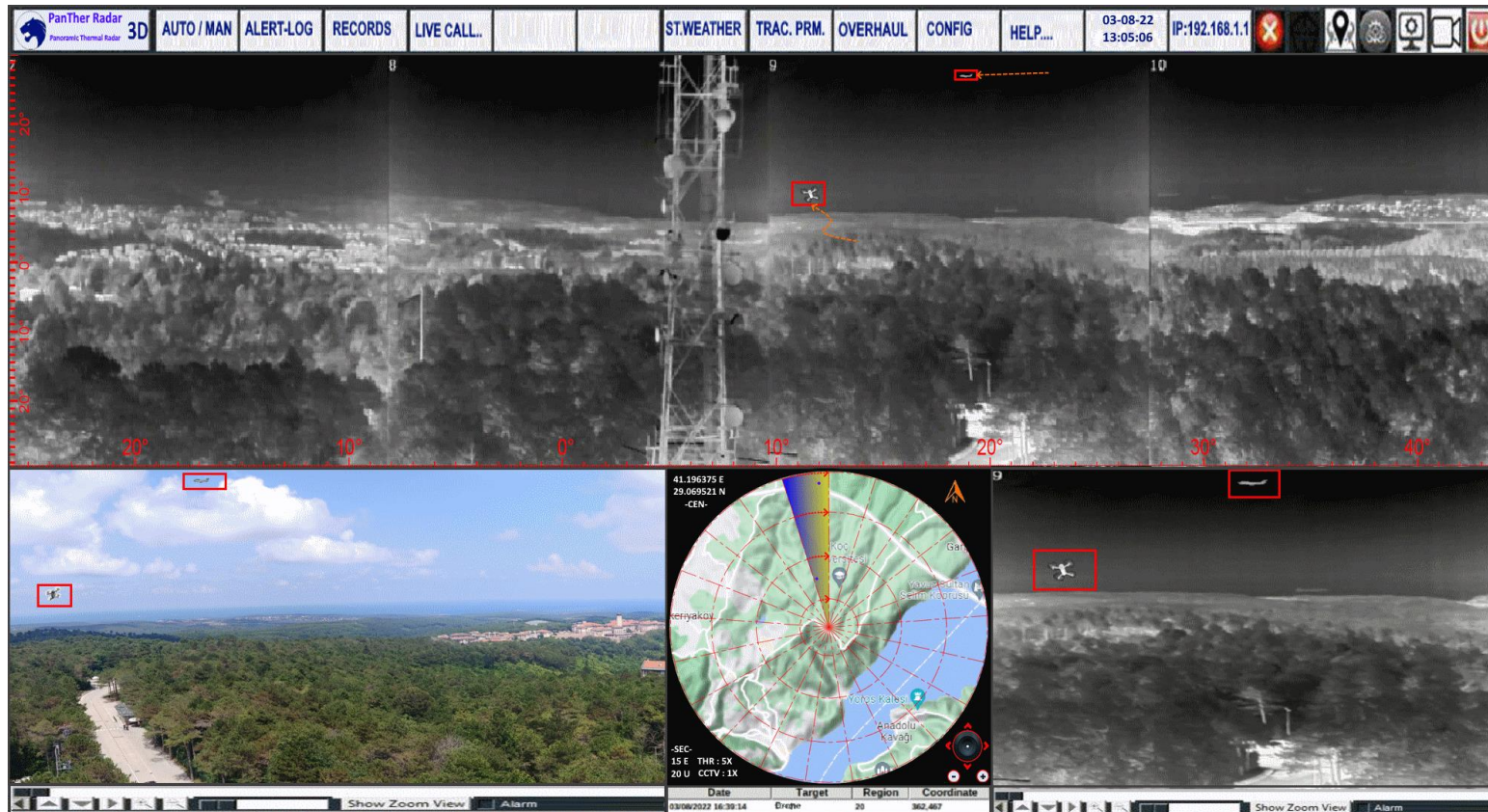Electro-Optics (Land-Sea-Air)

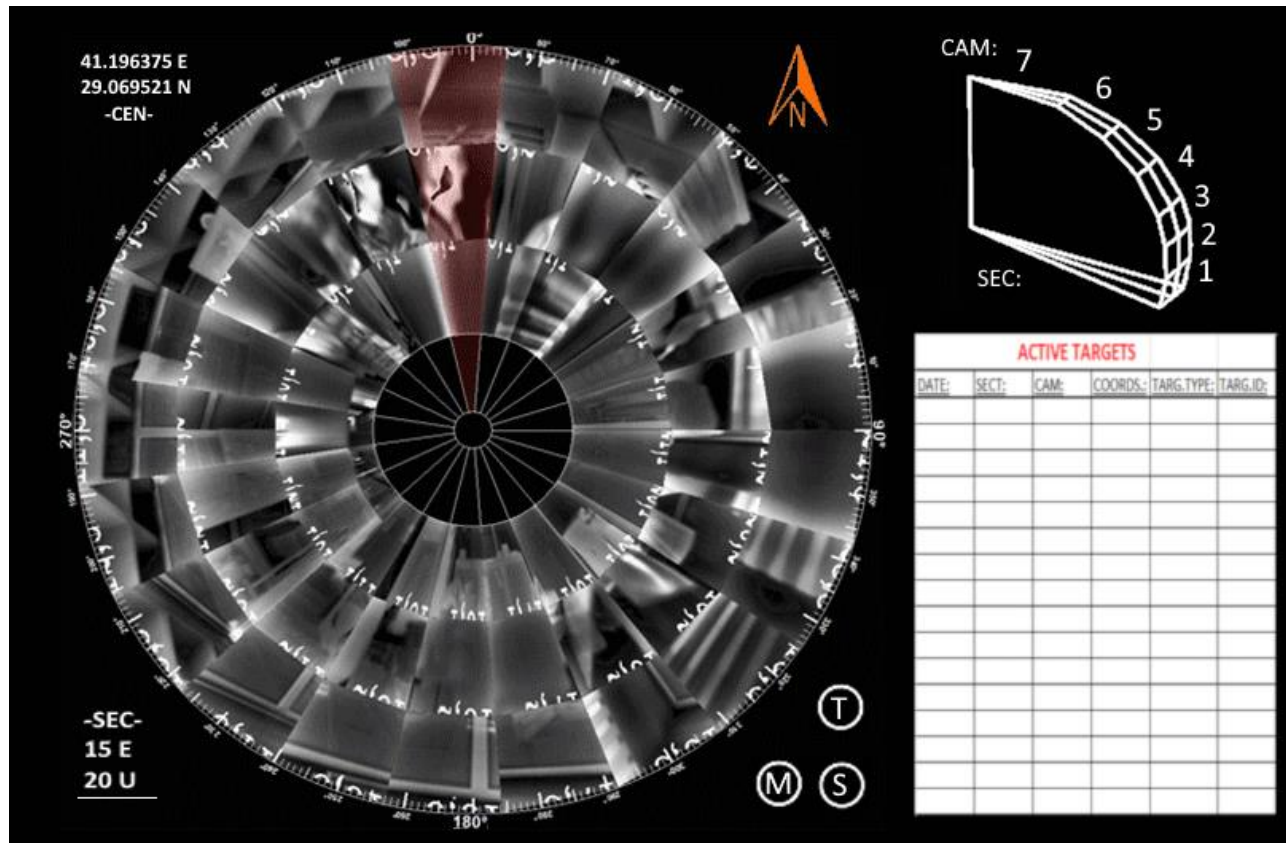7 Thermal Camera Scans from -15⁰ to +90⁰ Vertically and 360⁰ Horizontally.

3D PanTher Thermal Radar

3D Thermal Radar
User Interface Display

3D PanTher Thermal Radar

3D Thermal Radar Display3

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3D PanTher Thermal Radar

- 24/7 - 360° panoramic view

- Drone up to 50---5000 m,

- Fighter Jet up to 4000 m

- Airplane up to 8000 m

- Petrol Ship up to 80.000 m

- Deep Learning Algorithm for Detection and Classification.

- 35mm, 50mm or 100mm Lens options.

- Distances, depending on the lens size and Weather Conditions.

- Alarm tracking with integrated PTZ...

- Possibility to connect additional sensors depending on customer request, GPS, Acoustic etc.

Customer Sensors Can Be Added:

Meteorolological
Acoustic
Altimeter
Gas
GPS
Laser Rangefinder
Proximity
Seismic
DAS
Sonar
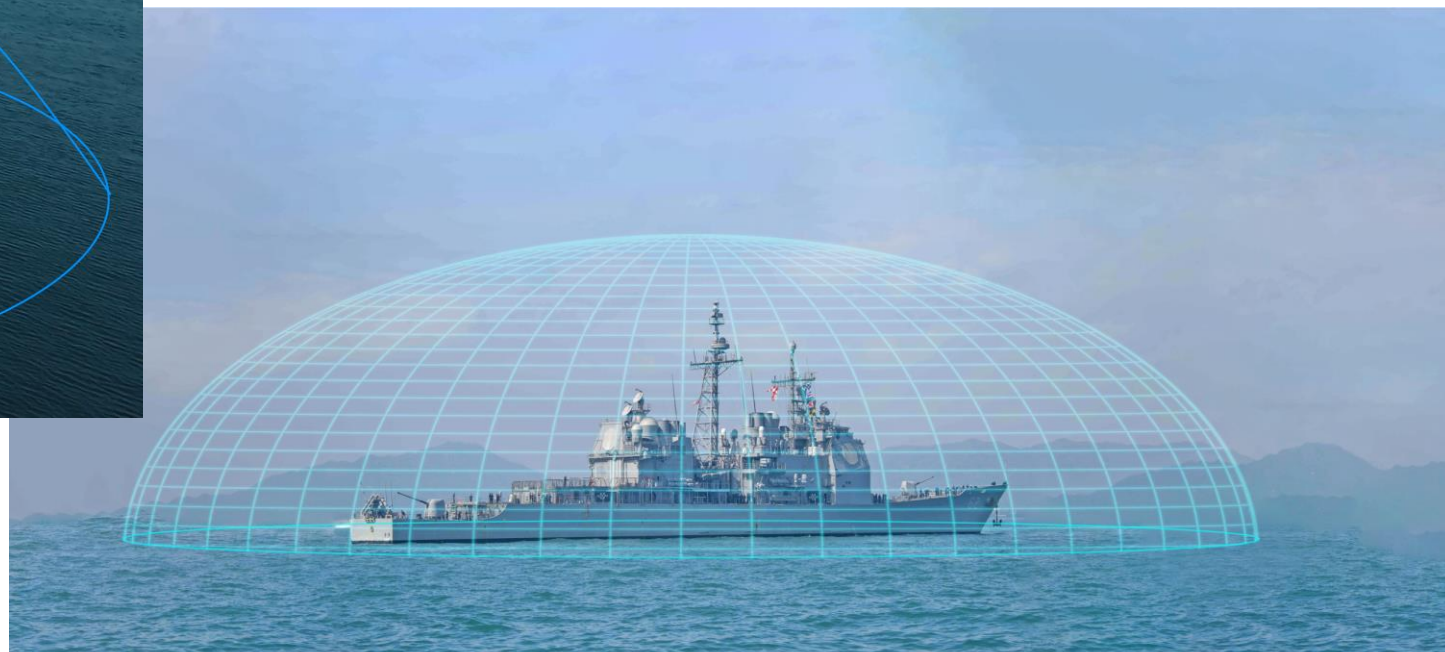Vs….

CANOVATE®
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Using PTZ with Panther Thermal Radar 3D

- •2-12 Megapixel Resolution

- •30-65X Physical Zoom

- •4K Starlight Sensor

- • Laser-LED spot lighting up to 300-800-1500 meters

- • Automatic control from the Thermal Radar Screen, or control and monitoring from the external screen

- •-45+45° Vertical 0-360° Horizontal rotation possibility

- •Optional Special Night Color Camera with very low light level...

Home Video Gen.III Night Vision Color Night Vision Illumination in lux 0,07 lx

3D PanTher Thermal Radar

Panther Thermal Radar 3D is used on warships with gyro. In this way, 3D Thermal Optical Moving objects (Ship-Drone etc.) around the ship can be found and tracked.