

Multi Sensor Platform



- All-purpose sensor head
- Integration of up to 3 sensors
- Ruggedized platform
- Comfortable operation
- Large elevation range
- High accuracy



We make it visible.

General

The multi sensor platform is a ruggedized non stabilized platform, which can accommodate a maximum of 3 different sensors, such as a night sight infrared camera (IR), color daysight TV camera (TV-CC) and laser rangefinder (LRF).

The platform is designed to be used in tanks, light armored vehicles (LAV's), and other vehicles with special applications. The platform is available with and without ballistic protection.

Application in Bridge Layer Tank

The Multi Sensor Platform was developed for the German and Dutch Bridge layer tank program with following specifications:

Platform

Elevation Range	-30 to +80 degrees
Azimuth Range	n x 360 degrees
Slew Rate Elevation	0.2°/s to 20°/s
Slew Rate Azimuth	0.2°/s to 20°/s

Infrared Camera

Detector	BST Uncooled
Detector size	240 x 320 pixel
FOV	30° x 40°

Laser Rangefinder

Wavelength	905 nm
Range	2m to 250 m 2.2 yd to 273 yd
Accuracy	0.1 m 0.1 yd
Laser class	1 (IEC60825/2001)

Daysight Camera

Resolution	500 x 582 Pixel
FOV	40°

Options

The platform can be optional equipped with different sensor types, depending on the specific application:

Thermal Imager

Type	Attica KLP Cooled
Detector	320 x 240 pixel (InSb) 384 x 288 pixel (MCT)
WFOV	13.2° x 10°
NFOV	3.3° x 2.8°

Laser Rangefinder

Type	LDM 35 (Diode Laser)
Wavelength	1570 nm
Measuring Range	200 m to 39.990 m 218 yd to 43.733 yd
Accuracy	5 m (5.46 yd)
Laser class	1M (IEC 60825/2001)

B/W High Resolution Camera (Black and White)

Resolution	768 x 576 pixel
FOV (10xZoom)	2°-20°

Subject to changes in design and further technical development.

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