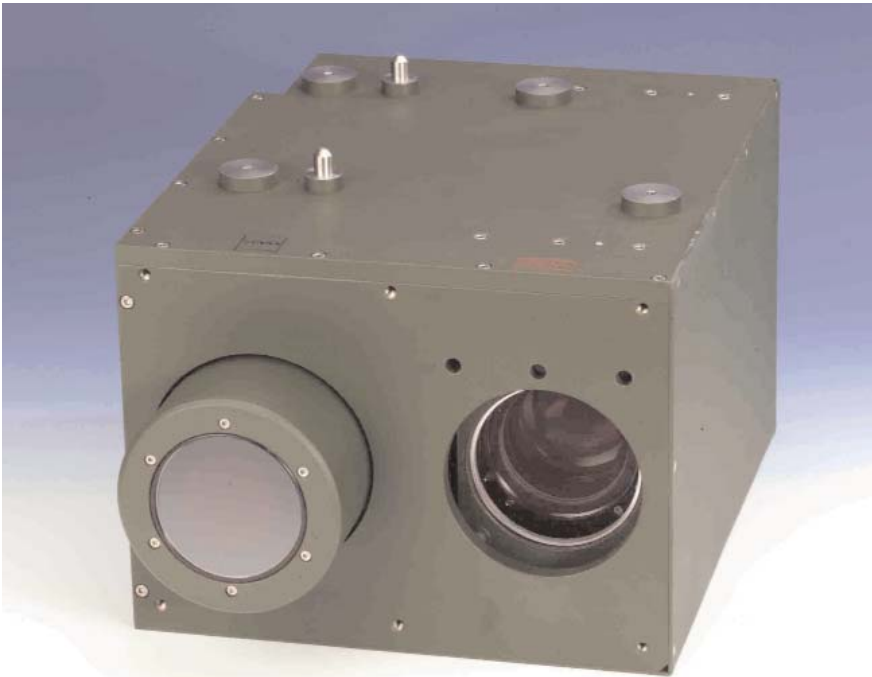


Weapon-fixed Sensors



Weapon-fixed sensors are designed as day/ night targeting instruments on lightly armored vehicles. They are equipped with a thermal imaging device and a daylight camera. An optional laser rangefinder is also available.

Weapon-fixed sensors do not need adjusting, thus eliminating expensive drives for this instrument which was developed for the Boxer Program. These sensors are very easy to use and cost efficient in both procurement and logistics.

Technical data

Thermal imaging device

Detector	384 x 288 pixels
Wavelength range	7.5 μm to 10 μm
Fields of view	
NFOV	2,5° x 1,7°
WFOV	12,0° x 8,0°

Daylight CCD camera

Number of pixels	752 x 582
Wavelength range	500 nm to 900 nm
Dynamic range	1 lx to 150,000 lx
Field of view	Zoom: 2x to 20x
User interface	CANBus

Option

Laser range finder	
Type	Nd: YAG laser, OPO shifted
Wavelength	1570 nm
Laser class	1 M
Eye-safe distance (NOHD)	0 m
Measuring range	200 m to 39,995 m
Measuring accuracy	± 5 m
Double target resolution	20 m
Multiple target display	Max. 5 targets per measurement

Subject to changes in design and further technical development.

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