

Mirage-1200

Optical Sensor Kit

The Brandes Associates Mirage-1200 optical sensor is designed and implemented to aid in identifying and ranging suspect optical devices targeting forces in sniper and surveillance scenarios.



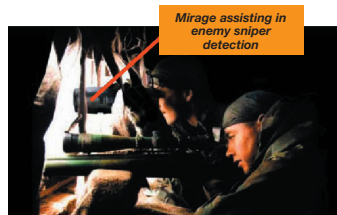
Ideal for day and night monitoring in both favorable and unfavorable light conditions, the Mirage-1200 unit is a second generation optical sensor utilizing optical retro-reflection in conjunction with an active, eye-safe, laser illumination source. This sensor unit has been in production since early 2003 for use by military branches of service as well as non-military government agencies.



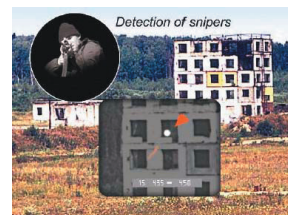
In response to customer feedback, along with internal engineering enhancements, Mirage-1200 has been re-engineered and re-packaged to provide real-time processing, improved optics, and significantly lower power consumption than original preproduction units.

The Mirage-1200 can be deployed as a Situational Awareness (SA) tool to oppose and counter sniper threats for: vehicle convoys, static observation locations and/or counter-surveillance/counter-sniper use in high threat or targeted areas of interest.

Concept of Operations



Mirage assisting in enemy sniper detection



Specifications

- ▶ 2.1kg device with a detection range of up to 1200m.
- ▶ Overcomes unfavorable light conditions such as high levels of background light, complete darkness, and other factors which impede normal vision with the naked eye.
- ▶ Operates Duty cycle: operates continuously for 3 hours, followed by a 15 minute cooling period.
- ▶ Can be operated either as a hand-held device or in a tripod mounted configuration.