Forged from FLIR special operations targeting sensors, the TALON MMS is a compact, lightweight EO/IR surveillance system. Complete with thermal imager, color daylight optics, and eyesafe laser rangefinder, the TALON MMS delivers high reliability, performance, and mission critical imagery day or night with low-light and image blending. Battle-proven and AWR qualified, the TALON MMS is deployed with a range of customers, including the US Army, where it flies on UH60s.

Easily integrated into a full cockpit control solution, or as a stand-alone installation, the TALON™ MMS is designed to withstand any platform or geographical environment. It supports high accuracy range-to-target and target geo-location, allowing pinpoint accuracy while lessening operator fatigue. Other features include Auto Tracker, Image Blending, Split Screen Image Viewing and Picture in Picture to provide the operator with a true multisensory view, ensuring threats are seen and targets are identified.

**FEAT URES**

**AWR QUALIFIED**
The TALON MMS has an AWR for the US Army UH/HH-60 A/L/M aircraft and has delivered more sensors to the US Army than any other sensor supplier.

**MILITARY HARDENED AND PROVEN**
The TALON has been delivered to multiple DOD, USG and foreign-military programs in many different configurations. Proven quality, reliability and performance in the most demanding military environment.

**MULTI-TARGET TRACKER**
Advanced capability that tracks targets or scenes with all imagers (IR, CCD, low light).

**ADVANCED STABILIZATION**
The TALON MS employs advanced stabilization to ensure crisp, smooth imagery.

**A PPL IC ATIONS**

**SURVEILLANCE**

**RECONNAISSANCE**

**TARGET ACQUISITION & TRACKING**

**FORCE PROTECTION**

**SEARCH AND RESCUE (SAR)**

**PURSUIT AND PATROL**

**DRUG INTERDICTI ON**

**ENVIRONMENTAL MONITORING**
## SPECIFICATIONS

### Thermal Imager
- **Detector type**: InSb MWIR FPA
- **Zoom Ratio**: 10x continuous, 19x overall (all optical)
- **Image Resolution**: 640h x 480v
- **Combination Color CCD/Low light TV**
  - **Performance**: Long range extreme low light capability using FLIR-designed optics, zero ambient light capability when used in conjunction with the laser illuminator
  - **Zoom**: 10x continuous zoom color ccd, 10x continuous zoom low light

### Eyesafe Laser Rangefinder
- **Laser type**: Class 1 (eyesafe)
- **Max range**: 20km

### Turret sensor unit (TSU)
- **Gimbal range of motion**: 360° AZ, 360° EL Continuous
- **Slew rate**: 0° to 140° /sec

### Control Electronics Unit (CEU)
- **Interfaces**: Mil-Std 1553, ARINC 429, RS-232, RS-422, Analog and Digital Video Output (SMPTE)
- **Power**: 18-32 VDC
- **Control Unit**: Ergonomic, ruggedized, NVIS compatible, Fully sealed design

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**For More Information contact** surveillance_sales@flir.com

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