Ball Aerospace has developed a modular long-range electro-optical surveillance system, known as Stalker by the Navy. Stalker significantly enhances the Navy’s ability to detect, classify and identify potential threats to ships and determine hostile intent. Stalker is currently deployed on carrier (CVN) and large deck amphibious (LHD and LHA) platforms.
After operational evaluation of three experimental and eight developmental Stalker systems, Ball is delivering production systems that provide enhanced capability to characterize and determine intent of small boats and other surface contacts at long range.

The improved Stalker employs a low-light, high definition, color sensor with user-selectable spectral filters, and a high definition Midwave Infrared sensor. The solid state laser diode-based range finder has also been improved for reliability and shot life.

Stalker was designed to conform to the existing sensor wiring and power source, allowing rapid installation of the modular electro-optical (EO) system.

With up to four radar directors on CVN class ships and two on LHD class ships, the Mk 6 Mod 3 Stalker can provide continuous 360 degree coverage and separate tracking functions during multi-target engagements. Stalker has already proven itself by saving lives during operational deployments.

**Stalker Independent Mount**

The Stalker Independent Mount (SIM) is a Mk6 Mod4 Stalker EO system on a stabilized mount for ships that do not have the SeaSparrow radar director. SIM provides the same EO sensor package as the director mounted Stalker system and can be installed on most maritime platforms.