Clip-on Sniper Night Sight (CoSNS), AN/PVS-30

MISSION
Enables the sniper to acquire and engage targets using the M110 Semi-Automatic Sniper System (SASS) and XM2010 Enhanced Sniper Rifle (ESR) during periods of limited visibility and at low-light levels.

DESCRIPTION
The AN/PVS-30 Clip-on Sniper Night Sight (CoSNS) is a lightweight, in-line weapon-mounted sight used in conjunction with the day optic sight on the M110 SASS and XM2010 (ESR). It employs a variable gain image intensification tube that can be adjusted by the sniper depending on ambient light levels. When used in conjunction with the M110 or XM2010 day optic sight, it provides for personnel-sized target recognition at quarter moon illumination in clear air to a range of 600 meters. The CoSNS has an integrated rail adapter that interfaces directly to the MIL-STD-1913 rail for quick and easy mounting to or dismounting from the weapon.

The CoSNS allows a sniper to maintain the current level of accuracy with the M110 and XM2010 and to deliver precise fire within one minute of angle. Use of the CoSNS does not affect the zero of the day optic sight and allows the M110 SASS and XM2010 to maintain bore sight throughout the focus range of the CoSNS and both the M110 and XM2010 day optic sights.

Weight: < 3.5 pounds
Focus range: 25 meters to infinity
Power: One AA battery

PROGRAM STATUS
- FY12: Continued to field in accordance with Headquarters Department of the Army guidance

PROJECTED ACTIVITIES
- FY13: Continue to field in accordance with Headquarters Department of the Army guidance

SYSTEM INTERDEPENDENCIES
None
Clip-on Sniper Night Sight (CoSNS), AN/PVS-30

FOREIGN MILITARY SALES
None

CONTRACTORS
Knight’s Armament Co. (Titusville, FL)