

# Clip-on Sniper Night Sight (SNS)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

### MISSION

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

### DESCRIPTION

The AN/PVS-29 Sniper Night Sight (SNS) is a lightweight, in-line weapon-mounted sight used in conjunction with the day optic sight on the M110 SASS. 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 day optical sight, it provides for personnel-sized target recognition at quarter moon illumination in clear air to a range of 600 meters. The SNS 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 SNS allows a sniper to maintain the current level of accuracy with the M110 and to deliver precise fire within 1 minute of angle. Use of the SNS does not affect the zero of the day optical sight

and allows the M110 SASS to maintain bore sight throughout the focus range of the SNS and the M110 day optical sight.

**Weight:** < 3.5 pounds

**Focus range:** 25 meters to infinity

**Power:** One AA battery

### SYSTEM INTERDEPENDENCIES

None

### PROGRAM STATUS

- **FY11:** Competitive procurement; fielded to snipers supporting Operation Enduring Freedom and Operation New Dawn

### PROJECTED ACTIVITIES

- **FY12:** Continue to field in accordance with Headquarters Department of the Army guidance
- **FY13:** Continue to field in accordance with Headquarters Department of the Army guidance

## ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support



## Clip-on Sniper Night Sight (SNS)

### FOREIGN MILITARY SALES

None

### CONTRACTORS

Knight's Armament Co. (Titusville, FL)

