

# Thermal Weapon Sight

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## MISSION

To enable combat forces to acquire and engage targets with small arms during day, night, obscurant, no-light, and adverse weather conditions.

## DESCRIPTION

The AN/PAS-13 Thermal Weapon Sight (TWS) Generation II family enables individual and crew-served gunners to see deep into the battlefield, to increase situational awareness and target acquisition range, and to penetrate obscurants, day or night. TWS II systems use forward-looking infrared (FLIR) technology and provide a standard video output for training, image transfer or remote viewing. TWS II systems are silent, lightweight, compact, durable, battery-powered thermal sights powered by commercial Lithium AA batteries. TWS II systems offer a minimum 20 percent longer range at roughly two-thirds the weight and with 50 percent power savings over the legacy TWS systems.

The TWS family comprises three variants:

- AN/PAS-13(V)1 Light Weapon Thermal Sight (LWTS) for the M16 and M4 series rifles and carbines as well as the M136 Light Anti-Armor Weapon.
- AN/PAS-13(V)2 Medium Weapon Thermal Sight (MWTS) for the M249 and M240B series medium machine guns.
- AN/PAS-13(V)3 Heavy Weapon Thermal Sight (HWTS) for the squad leaders weapon M16 and M4 series rifles and carbine, M24 and M107 sniper rifles, M2 HB machine gun and MK19 grenade machine gun.

## SYSTEM INTERDEPENDENCIES

M2, M4, M16, M249, M240B, MK19, M24, M107

## PROGRAM STATUS

- **Current:** TWS II in production and being fielded

## PROJECTED ACTIVITIES

- **Continue:** Production and fielding in accordance with Headquarters, Department of the Army (HQDA) G8 priorities

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support



## Thermal Weapon Sight

### FOREIGN MILITARY SALES

None

### CONTRACTORS

BAE Systems (Lexington, MA)  
DRS Technologies (Melbourne, FL;  
Dallas, TX)  
Raytheon (McKinney, TX)

