

F7030 SERIES CLIP-ON WEAPON SIGHT



KEY BENEFITS

- Enhancement of the AN/PVS-30
- Uses only Elbit Systems of America - Night Vision Gen 3 image intensifier tubes
- Optimized for use with green or white phosphor image intensifier tubes
- Features patented Single Interchangeable Battery (SIB)[®] technology
- Operational with either CR123 (exceeds battery life of 36 hrs) or AA (exceeds battery life of 24 hrs) batteries
- Low power consumption - can run on depleted flashlight batteries in an emergency

For more than 60 years, Elbit Systems of America - Night Vision has provided the military with premier vision-enhancing solutions. The F7030 Clip-on Weapon Sight enhances the AN/PVS-30 with the addition of the latest high-performance Generation 3 (Gen 3) night vision image intensification, developed in conjunction with Knight's Armament Company. The weapon sight is ideal for front-line and long-range rifles and day scopes, and easily attaches on the Picatinny rail. The patented technology and extended focus makes the product easy to use from the shooting position and ensures no boresight degradation of the range- tested day scope. When the F7030 is mounted in front of the existing day scope, eye relief and cheek weld are undisturbed. The refractive lens provides high-performance light collection in a lightweight design, and is optimized for use with our green or white phosphor image intensifiers.

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The Knight Vision logo is a trademark of Knights Armament Company.

STANDARD ACCESSORIES

- Carrying case (pouch)
- Shroud
- Lens cover
- Operator's kit (manual, quick reference card, lens paper)
- Retractable lanyard

OPTIONAL ACCESSORIES

- Extended base assembly
- Anti-reflection assembly

SYSTEM SPECIFICATIONS

GENERAL SPECIFICATIONS	
• Power	• One standard AA battery, or one CR123 battery
• Battery Life	• AA battery exceeds 24 hrs, CR123 battery exceeds 36 hrs
• Field of View	• 9°
• Waterproof	• 3 ft for 4 hrs
PHYSICAL SPECIFICATIONS	
• Weight (maximum)	• 2.9 lbs (1310 g)
• Dimensions	• 3.4 H x 3.0 W x 9.6 L in (8.5 H x 7.7 W x 24.4 L cm)
• Color/Finish	• Flat black matte or flat dark earth, corrosion resistant
• Mount	• KAC mount for quick attach/detach to MIL-STD-1913 rail or equivalent
OPTICAL SPECIFICATIONS	
• Magnification	• 1X
• Focus Range	• 20 m to infinity
PERFORMANCE SPECIFICATIONS	
• Weapons Certification	• Tested for use on weapons up to and including .50 caliber rifles • Cheek weld, eye relief, bullet impact
• Boresight	• Factory boresight to within .5 MOA of alignment to the day scope point of impact
• Boresight Retention	• < .5 MOA over 300 rounds, .300 WIN MAG firing schedule
• Range	• Recognize a vehicle under 1/4 moon: >1500m • Recognize a vehicle under starlight: >1000 m • Recognize a standing man under 1/4 moon: >1000 m • Recognize a standing man under starlight: >800 m

This datasheet applies to several variations and/or model numbers of the F7030 Clip-on Weapon Sight. Differences can be related to component variations or the image intensifier specification. All questions should be referred to nightvision@elbitsystems-us.com.