

UNS-A2 NIGHT VISION WEAPON SIGHT



SPECIFICATIONS

POWER SOURCE: (1) AA OR 123 BATTERY

BATTERY LIFE: EXCEEDS 24 HRS

MOUNT: KAC MOUNT OR QUICK ATTACH /DETACH TO MIL-STD-1913 RAIL OR EQUIVALENT

FOCUS RANGE: 15 METERS TO INFINITY

MAGNIFICATION: UNITY

RECOG. RANGE: 700 M (HUMAN, 1/4 MOON)

WEIGHT: 1.75 LBS. (.79 KG)

SIZE: 6.2" (158 MM) LONG

FIELD OF VIEW: 9°

BORE SIGHT: WITHIN .5 MOA

WATERPROOF: 3 FT. FOR 4 HRS

FINISH: BLACK MATTE, CORROSION RESISTANT

CONTROLS: PULL ON/OFF GAIN KNOB, FOCUS KNOB

The **UNS-A2 Clip-On Weapon Sight** adds the latest high performance Gen 3 light intensification night vision to most rifles and day scopes. This product is appropriate for medium to short range rifles, and daysights with magnification up to 6x. The Knight Vision® patented technology as well as the extended focus level makes the product universal easy to use from the shooting position and assures the accuracy of your rangetested day scope boresight will not be degraded. When the UNS-A2 is added in front, your existing optic, eye relief, and cheek weld are undisturbed. The refractive lens provides high performance light collection in a light weight design. Knight Vision® patented Single Interchangeable Battery (SIB)® allows use of either 123 or AA single batteries, with a battery life exceeding 24 hours while the shooter remains in shooting position. The highly efficient power wircuit allows use of depleted flashlight batteries to provide several hours of operation. Single Interchangeable Battery (SIB)® U.S. Patent No. 7,576,516.

FEATURES

- » CLIP-ON NIGHT VISION SCOPE
- » GAIN CONTROL
- » SIB® - SINGLE INTERCHANGE BATTERY
- » 2 YEAR WARRANTY
- » QUICK ATTACH/DETACH MOUNT

UNS-A2 SYSTEM PERFORMANCE

MODEL NUMBER:	ULTRA	VG	YG	HP+	P+	P
POWER SUPPLY:	PINNACLE	PINNACLE	PINNACLE	PINNACLE	PINNACLE	PINNACLE
EBI:	2.5 MAX	2.5 MAX	2.5 MAX	2.5 MAX	2.5 MAX	2.5 MAX
PHOTOCATHODE RESPONSE:	2200 MIN.	2000 MIN.	1800 MIN.	2200 MIN.	1750 MIN.	1350 MIN.
SIGNAL TO NOISE RATIO:	25.0 MIN.	25.0 MIN.	25.0 MIN.	25.0 MIN.	20.0 MIN.	16.2 MIN.
RESOLUTION:	64 LP/ MM MIN.	64 LP/ MM MIN.	64 LP/ MM MIN.	64 LP/ MM MIN.	64 LP/ MM MIN.	57 LP/ MM MIN.



STANDARD ACCESSORIES

Operator's Manual, Soft Case, (1) AA Battery, Light Shroud and Lens Cleaning Kit.



WP & XLS IMAGE INTENSIFIERS

WHITE PHOSPHOR

Night Vision Devices Products are available with Gen 3 White Phosphor Image Intensifiers manufactured by Exelis, now a part of Harris Corporation. Traditional image intensifier tubes use a P-43 phosphor screen output, resulting in the yellow-green that has become the signature view through most Gen 3 night vision systems. White Phosphor tubes use a P-45 phosphor screen, which yields an alternate coloration closer to black and white imagery. This change in color has been reported to enhance overall object recognition while providing contrast sensitivity equivalent to or better than traditional green phosphor image tubes. These White Phosphor tubes are available for system upgrades and can be Hand-Select for higher performance.

WHITE PHOSPHOR SYSTEM PERFORMANCE		
MODEL NUMBER:	WHP	WP
POWER SUPPLY:	PINNACLE	PINNACLE
EBI:	2.5 MAX	2.5 MAX
PHOTOCATHODE RESPONSE:	2200 MIN.	1350 MIN.
SIGNAL TO NOISE RATIO:	25.0 MIN.	16.2 MIN.
RESOLUTION:	64 LP/ MM MIN.	57 LP/ MM MIN.
SPOT ZONE:	1__2__3	1__2__3
....>.012 - .015	0__0__0	0__0__0
....>.009 - .012	0__0__0	0__0__1
....>.006 - .009	0__1__1	0__2__2
....>.003 - .006	0__2__2	0__2__3

XLS

Night Vision Devices systems are now available for purchase with Gen 3 "XLS" Image Intensifiers manufactured by Exelis, now a part of Harris Corporation. These XLS tubes are available for customer applications within law enforcement and commercial applications. The Gen 3 photocathode is very sensitive to low-radiation levels of visible and, especially, near infrared light. The 6-micron channel spacing provides exceptional resolution and extended detection ranges in low-light conditions. The tube lifespan is 12,000+ hours. The XLS systems are available with or without a small spot in Zone 1.

XLS SYSTEM PERFORMANCE		
MODEL NUMBER:	XLS	
POWER SUPPLY:	NON GATED	
EBI:	2.5 MAX	
PHOTOCATHODE RESPONSE:	1350 MIN.	
SIGNAL TO NOISE RATIO:	16.2 MIN.	
RESOLUTION:	57 LP/ MM MIN.	
SPOT ZONE:	1__2__3	
....>.012 - .015	0__0__0	
....>.009 - .012	0__1__1	
....>.006 - .009	0__2__2	
....>.003 - .006	0__2__3	