NIGHT VISION DEVICES

AVENGER NIGHT VISION WEAPON SIGHT

FEATURES

- TWO YEAR WARRANTY
- GEN 3 NIGHT VISION RIFLESCOPE
- DURABLE, AIRCRAFT ALUMINUM BODY
- FIXED 3X MAGNIFICATION
- ATTACHES TO ANY STANDARD WEAVER MIL-STD-1913 RAIL

SPECIFICATIONS

POWER SOURCE:	(1) CR123 BATTERY
FOCUS RANGE:	8M TO INFINITY
MAGNIFICATION:	THREE POWER (3X)
FIELD OF VIEW:	13°
DIOPTER ADJUSTMENT:	+4 TO -4
OBJECTIVE LENS:	50MM
WATER INTRUSION:	MEETS IPX4 RATING
WEIGHT W/O BATTERIES:	33.5 OZ (950G)
DIMENSIONS:	8.6" X 4.2" X 3.1"

The **NVD-Avenger** is a very compact and light-weight Night Vision Riflescope built with selectable Gen 3 image intensifiers. The riflescope features durable, aircraft aluminum body and a sleek design. The NVD-Avenger is a fixed 3.0x magnficiation and is equipped with a precision front lens focusing mechanism, which is easy to use and allows quick focus adjustment.

The NVD-Avenger features manual reticle brightness control and automatic tube protection against intense light exposure. This system comes with a built-in illuminated red-on-green reticle with adjustable brightness. The Windage and Elevation knobs allow for precise adjustment. The NVD-Avenger has an integrated weaver rail for accessories and can attach to any standard weaver MIL-STD-1913 rail. This system can be used with heavy recoil (Incl. 375 H&H, 20 Gauge) weapons.

NVD-AVENGER 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

Lens Cap, Rubber Eyeflap, User Manual, Protective Carrying Case and Lens Cleaning Tissue.

NVDEVICES.COM » 610-395-9743 » SALES@NVDEVICES.COM

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.

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.

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 SYSTEM PERFORMANCE		
MODEL NUMBER:	XLS-1	XLS-2
POWER SUPPLY:	NON GATED	NON GATED
EBI:	2.5 MAX	2.5 MAX
PHOTOCATHODE RESPONSE:	1350 MIN.	1350 MIN.
SIGNAL TO NOISE RATIO:	16.2 MIN.	16.2 MIN.
RESOLUTION:	57 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___1___1	0___1___1
....>.006 - .009	0___2___2	0___2___2
....>.003 - .006	0___2___3	1___2___3

NVDEVICES.COM » 610-395-9743 » SALES@NVDEVICES.COM