



## SPECIFICATIONS

POWER SOURCE:	(1) CR123 BATTERY
BATTERY LIFE:	40 HOURS
FOCUS RANGE:	9.8" TO INFINITY
SUBMERSIBLE:	66 FEET
MAGNIFICATION:	ONE POWER (1X)
FIELD OF VIEW:	40°
DIOPTR ADJUSTMENT:	-6 TO +2 DIOPTERS
EYE RELIEF:	25MM
WEIGHT (W/ BATTERY):	11.4 OZ (325 G)
DIMENSIONS:	4.5" X 3.25" X 2"

## FEATURES

- » TEN YEAR WARRANTY
- » IMAGE INTENSIFIER – MX11769
- » PVS-14 MIL SPEC OPTICS
- » DOVETAIL MOUNTING OPTION
- » IR LED & LOW BATTERY INDICATOR
- » WATERPROOF TO 66 FEET

The **NVD Monocular Night Vision Device with Gain Control (MNVDG)** is a revolutionary new concept that combines all the best features of a monocular with the affordability to be converted into a fully functional binocular device.

The MNVDG monocular comes with a monocular housing and power pack. By pressing a button on the power pack assembly, the monocular housing slides until it stops in place. This creates a functional, fully collimated, standalone night vision monocular that can be handheld, head, helmet or weapon mounted, using the same adapters and mount as the AN/PVS-14.

Two MNVDGs can be assembled into a binocular (BMNVDG) by connecting two monocular housings to a bridge. These monoculars then draw all power directly from the bridge, instead of a power pack. The disassembly and reassembly process from binocular to monocular can be completed in less than one minute.

The MNVDG incorporates Gain Control. The monocular has an independent gain control knob to allow the user to adjust the tube brightness (gain) lower to compensate for overly bright conditions or to increase the gain under extreme dark conditions.

The MNVDG utilizes MIL SPEC AN/PVS-14 optics and accessories, which makes for a truly affordable high quality system. The MNVDG operates on a CR-123 battery and is available with or without gain control (MNVD). Each piece can be purchased separately or together as a kit. Please contact us if you have any questions or need additional information.

# MNVDG NIGHT VISION MONOCULAR



MNVDG Monocular Assembly



MNVDG Powerpack



MNVDG Kit

## STANDARD ACCESSORIES

MNVDG with Tube/System Data Sheet, One Monocular Assembly, One Monocular Powerpack, Soft Carry Case, Operator's Card, Lens Caps, Neckcord, Eyecup, Weapon Mount, Shuttered Eyeguard, Wilcox Dovetail J-Arm, Demist Shield, Sacrificial Window, Lens Tissue, and 2 Each CR123 Batteries.

### MNVDG SYSTEM PERFORMANCE

MODEL NUMBER:	<u>ULTRA</u>	<u>VG</u>	<u>YG</u>	<u>HP+</u>	<u>P+</u>	<u>P</u>	<u>WHP</u>	<u>WP</u>	<u>XLS</u>
POWER SUPPLY:	PINNACLE	PINNACLE	PINNACLE	PINNACLE	PINNACLE	PINNACLE	PINNACLE	PINNACLE	NON GATED
EBI:	2.5 MAX	2.5 MAX	2.5 MAX	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.	2200 MIN.	1350 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.	25 MIN.	16.2 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.	64 LP/ MM MIN.	57 LP/ MM MIN.	57 LP/ MM MIN.