

MNVD NIGHT VISION MONOCULAR



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°
DIOPTRER ADJUSTMENT:	-6 TO +2 DIOPTERS
EYE RELIEF:	25MM
WEIGHT (W/ BATTERY):	11 OZ (310 G)
DIMENSIONS:	4.5" X 3" X 2"

FEATURES

- » TEN YEAR WARRANTY
- » IMAGE INTENSIFIER – MX10160
- » PVS-14 MIL SPEC OPTICS
- » DOVETAIL MOUNTING OPTION
- » IR LED & LOW BATTERY INDICATOR
- » WATERPROOF TO 66 FEET

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

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MNVD Monocular Assembly



MNVD Powerpack



MNVD Kit

STANDARD ACCESSORIES

MNVD 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.

MNVD 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:	2400 MIN.	2200 MIN.	1800 MIN.	2200 MIN.	1750 MIN.	1350 MIN.	2200 MIN.	1350 MIN.	1350 MIN.
SIGNAL TO NOISE RATIO:	30.0 MIN.	28.0 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.