CNVD-22 CLIP-ON NIGHT VISION DEVICE

The clip-on Night Vision Sight CNVD-22 is a high performance system that mounts to any MIL-STD-1913 rail interface in front of a day time scope. This gives the operator night vision capability from a standard day scope system. The CNVD-22 can be equipped with a vast variety of Image Intensifier Tubes (IIT), thus offering that unique solution to transform a basic system into a high end system, while maintaining the competitiveness in price. Furthermore, no matter that type of IIT is installed, the fast F:1.15 catadioptric lens brings brighter and sharper image in moonlight, starlight, or even overcast nights. The unit is installed, operated, and removed without tools and without affecting bore sight alignment. Unlike most other similar systems, the CNVD-22 has conveniently built-in collimator which allows to "fine-tune" any smallest discrepancies or possible misalignment. The CNVD-22 can be mounted in front of a spotting scope for long range reconnaissance, or placed in front of a riflescope for sniper applications. The best viewing can be achieved with the day scopes having various power between 3X - 9X while other clip-on units on the market have severe image degradation after 4X. While mounted on the MIL-STD-1913 rail, the CNVD-22 can withhold mid to heavy recoil which allows to use it on variety of sniper or hunting guns.

TECHNICAL SPECIFICATIONS

MODEL	**CNVD-22**
Magnification	1X
Lens System	68mm; F:1.15
Field of View (degrees)	13
Range of Focus (m)	From 10 to infinity
Boresight Accuracy	1 MOA
Boresight Adjustment	Collimator, if needed
Optical Axis Height (mm)	39 above rail
Battery Type	CR123, 1 pc.
Battery Life (hrs)	40+
Weight (g)	610
Dimensions (mm)	150x80x75
Operating Temperature (°C)	-40 .... +50

TUBE VARIATIONS

Tube Name	Definition	Attributes
Gen 2 HPT*	Generation 2 + High Performance	Resolution 57-64 lp/mm; Signal-to-Noise Ratio 16-24; FOM 1000-1250
Gen 3 GA1*	Generation 3 Gallium Arsenide High Performance	Resolution minimum 60 lp/mm; FOM 1260-1600
Gen 3 GA2*	Generation 3 Gallium Arsenide High Performance	Resolution minimum 64 lp/mm; FOM 1600-1800
Gen 3 GA3*	Generation 3 Gallium Arsenide High Performance	Resolution minimum 68 lp/mm; FOM 1800-2100
Autogated Gen 3 GA2*	Generation 3 Gallium Arsenide High Performance	Resolution minimum 64 lp/mm; FOM 1600-1800
Autogated Gen 3 GA3*	Generation 3 Gallium Arsenide High Performance	Resolution minimum 68 lp/mm; FOM 1800-2100