

UPGRADE TO RUGGED

NIGHT VISION THAT PERFORMS

Smartly engineered to eliminate most common causes of field-related failures to retain your night-time advantage.

COMPONENTS



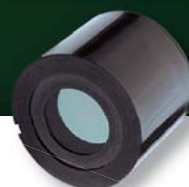
SYSTEMS



ACCESSORIES



IMAGE TUBES



HYPER 14™

The HYPER-14™ is a modular, ruggedized, PVS-14 variant engineered to stand up to the physical stresses of battlefield, while adding the capability to use the system as a hardened, weapon mounted sight on heavy caliber weapon platforms.



HYPER-14™ UPGRADE BENEFITS

Greater System Protection from impact, shock and water incursion. Complies with MIL-PRF-49324(CR), MIL-PRF-49427(CR) and MIL-STD-810G

Lighter Weight and Improved Operational Flexibility includes use as a weapon sight

Extends Life Cycle of existing fielded inventories

Simplified Maintenance for reduced time and overall cost

Interoperable with Legacy Components, imaging tubes and accessories

Available as complete systems or as modular components for simple upgrade path

SPECIFICATIONS

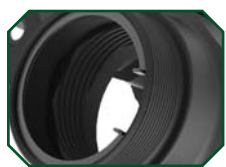
THE HYPER-14™ ADVANTAGE

The HYPER-14™ is designed to eliminate many of the common causes of field-related failures such as drop, water incursion, vibration, and shock. It is engineered to meet or exceed most performance specifications of the PVS-14, making HYPER-14™ a reliable, long-lasting device.

The HYPER-14™ night vision device is formed from high grade 7000 series aluminum, resulting in impact resistance that far exceeds the standard issue PVS-14. The aluminum chassis easily withstands accidental drops without crack or shattering.

Improved environmental specifications give the unit much higher tolerance to submersion, heavy rain and heavy sand. The junctures for batteries and J-arms have been reinforced, virtually eliminating screw threads. Optical threads have also been strengthened to allow for long-range lenses and a more waterproof seal while the internal configuration utilizes a custom sleeve to protect the tube from heavy weapon shock.

Standard Equipment (Included):	Monocular, Manual, Soft Carry Bag, Battery, Demist Shield, Lens Paper, Sacrificial Filter, Shoulder Strap, Eyecup, Retainer Cord, and J-Arm Assembly
Optics:	
Magnification	1X
Field of View	40 degrees
Objective Lens	27 mm (1.1 in) f1.2
Minimum Focus Distance	25 cm (1.9 in)
Eye Relief	25 mm (1 in)
Diopter Adjustment	-2 to +2 (minimum)
Power:	
Source	1 AA Battery
Battery Life	40 hours at room temperature
Physical Characteristics:	
Size	11.4 cm L x 5.1 cm W x 5.7 cm H (4.5 in L x 2.0 in W x 2.2 in H)
Weight	320 g with battery
Warranty	1 year
Specifications Compliance	MIL-PRF-49324(CR), MIL-PRF-49427(CR) and MIL-STD-810G
Part Number/ Tube Options:*	
D-HYP14-SYS-1400	Resolution: 64 lp/mm (min) Signal to Noise: 19:1 (min) (21:1 Typical)*
D-HYP14-SYS-1600	Resolution: 64 lp/mm (min) Signal to Noise: 21:1 (min) (24:1 Typical)*
D-HYP14-SYS-1601	Resolution 64 lp/mm (min) Signal to Noise: 26:1 (min) (28:1 Typical)*



Objective Lens Clip
Eliminates Disassembly



Heli-coiled Junctures
Prevent Stripped Screws



210° Tube Retention
Without Epoxy

* Export of the items described herein is strictly prohibited without a valid export license issued by the U.S. Department of State, Directorate of Defense Trade Controls as proscribed in the International Traffic In Arms Regulations (ITAR), Title 22 Code of Federal Regulation, Parts 120-130.



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