

AN/PVS-27 - Magnum Universal Night Sight™



The Magnum Universal Night Sight™ (MUNST™) is an incredibly powerful night vision weaponsight with an impressive magnification. Big brother to the AN/PVS-22, it can mount in front of any boresighted daytime scope with magnification ranging from one to twenty power.

The MUNST™ does not require any boresighting and once mounted the daysight provides the aiming point. The MUNST™ maintains boresight despite normal misalignments due to mount position errors and does not alter the sighting centerline (parallax is unchanged from dayscope). The MUNST™ also contains no beam splitter or folded optics to go out of alignment.

The MUNST™ is revolutionary when used with a high magnification fixed or variable power dayscope. The magnification is provided by the dayscope, which typically has much smaller optics than those associated with normal 4X or 6X night vision weaponsights. This means there is no loss in system gain or typical f/number loss associated with large optics. Variable magnification dayscopes can actually zoom in (up to 20X) and still retain the same gain (image brightness) with only a slight loss in resolution.

Optimized for medium and long-range sniper weapons including the SR-25/MK11, XM107, .338 Lapua, .308 M24, Chandler & 300 Win Mag. Effective on all weapons from carbines to .50 caliber semi-automatic and bolt action sniper rifles. The MUNST™ includes OSTI's proprietary Shock Mitigation System™ (SMS™), allowing the unit to be used on weapons up to and including .50 caliber bolt-action rifles.

- Mounts in Front of Dayscope
- Gain Control
- Magnification up to 20X
- No Boresighting Needed
- One Year Warranty
- Best for Medium & Long Range Sniper Rifles



System Specifications

Field of View	10°
Magnification	one power (1X)
Focus Range	15m to infinity
Power Source	2 AA Batteries
Weight	3.125 pounds
Size	8.7"L x 4.5"W x 3.75"H
Operation Time	40 hours @ 70°F
Boresight Accuracy	within 1 MOA
Boresight Repeatability	within 0.5 MOA
Dayscope Magnification	3 to 20X Power
Boresight Adjustment	None required
Boresight Retention	Permanent
Objective Lens Focal Length	92mm
Objective Lens f/number	f/1.0
I2 Gain	1,000 - 75,000
Resolution	4.2 cy/mr min.

Each unit includes: Operator's Card, Soft Carry Case, Weaver Rail Mount, Light Shroud, Flip Up Lens Caps, Batteries and a Lens Cleaning Kit.

Specifications subject to change without notice. Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State Office of Defense Trade Controls prescribed in the International Traffic in Arms Regulation (ITAR), Title 22, Code of Federal Regulations, Parts 120-130.