

M953TM

AN/PVS-15

The M953 is a rugged, lightweight binocular based upon the military nomenclature AN/PVS-15 used by U.S. Special Forces.



Gen III Night Vision

TARGET ACQUISITION

FORCE PROTECTION

ROUTINE PATROLS

INTERDICTION & ERADICATION

BORDER & PERIMETER SECURITY

LOW-LIGHT SURVEILLANCE

FUGITIVE PURSUIT

SOLDIER & OFFICER SAFETY

BENEFITS:

- Twin-tubed design comparable to aviation systems
- Better depth perception than single tube designs
- Designed to operate during vehicle, assault and amphibious operations
- Compact and lightweight
- Can be hand-held or helmet mounted
- Generation III night vision
- U.S. manufactured image intensifier (I²) tube

FEATURES:

- Hands-free or one-hand operation
- Automatic brightness control and high light tube cut-off protection
- Particularly suited for operations where depth perception is critical for mission performance such as controlling land vehicles and boats at high speeds
- An active projected infrared LED provides short range illumination allowing such activities as map reading
- Low battery indicator visible in optic
- Self-contained system operating on a single AA battery



SUMMITTM
NVG
SUMMIT NIGHT VISION GROUP, LLC

Summit Night Vision Group LLC, Fort Worth, Texas, USA
Summit Night Vision Group is a U.S. Service-Disabled, Veteran-Owned Small Business.
Summit Night Vision Sales: 817-475-0142 Sales@SummitNightVision.com

Cleared by DoD/OSR for Public Release Under Ref. 09-S-0783 on March 10, 2009.
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M953™ (AN/PVS-15) TECHNICAL SPECIFICATIONS:

FEATURES		M953 (AN/PVS-15)		
OPTICS	MAGNIFICATION	1X		
	FIELD OF VIEW (FOV)	40.0°		
	OBJECTIVE LENS	27 mm (1.1 in)		
	MINIMUM FOCUS DISTANCE	25 cm (9.8 in)		
	EYE RELIEF	25 mm (1 in)		
	DIOPTER ADJUSTMENT	+2 to -6		
GEN III IMAGE INTENSIFICATION (I ²) TUBE OPTIONS	ALPHA	• Resolution: 45 lp/mm (min)	• Signal/Noise: 17.1:1 (min)	• FOM: 1250 (max)
	DELTA	• Resolution: 64 lp/mm (min)	• Signal/Noise: 21.0:1 (min)	• FOM: 1600 (max)
	OMEGA ◊	• Resolution: 64 lp/mm (min)	• Signal/Noise: 21.0:1 (min)	• FOM: Unrestricted
	INFINITY ◊	• Resolution: 64 lp/mm (min)	• Signal/Noise: 25.0:1 (min)	• FOM: Unrestricted
	DEFENDER ◊	• Resolution: 64 lp/mm (min)	• Signal/Noise: 21.0:1 (min)	• FOM: Unrestricted
POWER	POWER SOURCE	1 AA Battery		
	BATTERY LIFE	~ 16 Hours at Room Temperature		
PHYSICAL CHARACTERISTICS	SIZE	16.5 cm L (with eyecup) x 12.4 cm W x 8.5 cm H (6.5 in L (with eyecup) x 4.9 in W x 3.3 in H)		
	WEIGHT	726 g with battery (1.6 lbs)		
	COLOR	Black		
	WATER RESISTANCE	Submersible to 20 m (66 ft)		
	MOUNTS	Helmet Mount Adapter		
WARRANTY	HOUSING	1 Year		
	TUBE	1 Year		
ORDERING INFORMATION	ALPHA	Model 245050-001		
	DELTA	Model 245050-003		
	OMEGA ◊	Model 245050-004		
	INFINITY ◊	Model 245050-005		
	DEFENDER ◊	Model 245050-006		
STANDARD EQUIPMENT	<ul style="list-style-type: none"> • Binocular • Operation Manual • Soft Carry Case • Battery 	<ul style="list-style-type: none"> • Demist Shield Assembly • Eyecup Assembly • Sacrificial Window Assembly • Lens Paper 	<ul style="list-style-type: none"> • Lens Covers with Retainers • Retainer Cord • PASGT Helmet Mount Assembly 	
	AVAILABLE ACCESSORIES	<ul style="list-style-type: none"> • Spare Battery • Compass • Case, Carrying Commercial • Case, Shipping & Storage • Mount, PASGT/RBR Helmet 	<ul style="list-style-type: none"> • Demist Shield Assembly, Screw-In • Eyecup Assembly, 25mm Eye Relief • Filter, Daylight Training • Filter Kit, Sacrificial • Spare Parts Kit, M953 	<ul style="list-style-type: none"> • Lens Covers with Retainers • Lens with Adapter, 3X Focal • Lens with Adapter, 5X Focal • Lens Paper • Training, Operator and Maintenance

Specifications subject to change without notice

M953 June 2009

◊ THIS SYMBOL DESIGNATES PRODUCTS NOT AVAILABLE FOR FOREIGN SALES ◊

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