

# M2124™

## AN/PVS-24

The M2124 is a rugged, clip-on night vision device (CNVD) based upon the military nomenclature AN/PVS-24 used by the U.S. Military.



### Gen III Night Vision

TARGET ACQUISITION

FORCE PROTECTION

ROUTINE PATROLS

INTERDICTION & ERADICATION

BORDER & PERIMETER SECURITY

LOW-LIGHT SURVEILLANCE

FUGITIVE PURSUIT

SOLDIER & OFFICER SAFETY

### BENEFITS:

- Converts to Night Vision without Zero Shift
- Quick-Disconnect Weapon Mount for MIL-STD-1913 Rail Systems
- Maintains Shooting Position and Eye Relief
- Compact and Lightweight
- Available in Black or Taupe
- Generation III night vision
- U.S. manufactured image intensifier (I<sup>2</sup>) tube

### FEATURES:

- Advanced design prevents typical requirement of removing a primary (day) sighting system; M2124 CNVD mounts in-line with standard day optics
- By supplementing existing primary sighting system, the M2124 maintains user's consistent eye relief and shooting position, as well as retaining user muscle memory
- Low battery indicator and battery reverse polarity protection
- Manual gain and focus adjustments for custom image quality optimization
- M2124 CNVD can also be used as a handheld observation device



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: 09-5-0784 on May 22, 2009.  
M2124 and CNVD are trademarks of L-3 Electro-Optical Systems © 2009, All Rights Reserved.



## M2124™ (AN/PVS-24) CNVD™ TECHNICAL SPECIFICATIONS:

FEATURES		M2124 (AN/PVS-24) CNVD	
OPTICS	FIELD OF VIEW (FOV)	13°	
	FOCAL LENGTH	55 mm (2.2 in)	
	MINIMUM FOCUS DISTANCE	25 m (27.3 yd)	
	MAGNIFICATION	1x (Unity)	
	DETECTION RANGE	500 m (546.8 yd)	
IMAGE INTENSIFICATION (I <sup>2</sup> ) TUBE OPTIONS	ALPHA	• Resolution: 45 lp/mm (min)	• Signal/Noise: 17.1:1 (min) • FOM: 1250 (max)
	GAMMA	• Resolution: 57 lp/mm (min)	• Signal/Noise: 19.2:1 (min) • FOM: 1600 (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
	DEFENDER ◊	• Resolution: 64 lp/mm (min)	• Signal/Noise: 21.0:1 (min) • FOM: Unrestricted
POWER	POWER SOURCE	1 CR123 Lithium Battery	
	BATTERY LIFE	16(+) hours @ room temperature	
PHYSICAL CHARACTERISTICS	SIZE	13.7 cm L (w/light baffle) x 9.7 cm W x 7.7 cm H (5.4 in L x 3.8 in W x 3 in H)	
	WEIGHT	771 g with battery (1.7 lbs)	
	COLOR	Available in Black or Taupe	
	MOUNT	Single-Throw Lever Quick-Disconnect Mount for Picatinny Rail (MIL-STD-1913/STANAG 2324)	
WARRANTY	HOUSING	1 Year	
	TUBE	1 Year	
ORDERING INFORMATION	COLOR	BLACK	TAUPE
	ALPHA TUBE	Model 39108100-009	Model 39108100-003
	GAMMA TUBE	Model 39108100-010	Model 39108100-004
	DELTA TUBE	Model 39108100-012	Model 39108100-011
	OMEGA TUBE ◊	Model 39108100-008	Model 39108100-007
	DEFENDER TUBE ◊	Model 39108100-006	Model 39108100-005
STANDARD EQUIPMENT	<ul style="list-style-type: none"> <li>• Weapon Sight</li> <li>• Quick-Disconnect Single-Throw Lever Mount</li> <li>• CR123 Lithium Battery</li> <li>• Lens Cleaning Kit</li> <li>• Adjustment Wrenches</li> <li>• Operation Manual</li> <li>• Soft Carry Case</li> </ul>		
AVAILABLE ACCESSORIES	<ul style="list-style-type: none"> <li>• Spare Battery</li> <li>• Soft Carrying Case</li> <li>• LaRue "S.T.O.M.P." Mount</li> <li>• Adjustment Wrenches</li> <li>• Hex Wrench</li> <li>• Operation Manual</li> <li>• LaRue Quick-Disconnect Mount (Black)</li> <li>• LaRue Quick-Disconnect Mount (Taupe)</li> </ul>		

Specifications subject to change without notice

M2124 CNVD June 2009

◊ THIS SYMBOL DESIGNATES PRODUCTS NOT AVAILABLE FOR FOREIGN SALES ◊

 **MADE IN THE U.S.A.** 

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.

This graphic consists of L-3 Communications Corporation general product photographs that do not contain controlled technical data as defined within the International Traffic in Arms (ITAR) Part 120.10 or Export Administration Regulations (EAR) Part 734.7-11.

Cleared by DOD/OSR for Public Release Under Ref: 09-S-0784 on May 22, 2009.



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

