

1033 Program Support Night Vision

This document is meant to be a guide for Law Enforcement Officers who wish to participate in the 1033 Program and are looking for night vision and related equipment for their Agency. The NSN numbers are used to identify the equipment you are looking for as well as the other information seen below for each piece of equipment identified. The NSN is needed for your local Law Enforcement Support Office (LESO) to use in searching the Defense Reutilization and Marketing Offices (DRMOs) in both the Continental United States and worldwide locations for the property you are looking for. If you do not know who your local LESO is, click on this link to find all LESOs listed by State:

<https://www.dispositionservices.dla.mil/rtd03/leso/statecoorinfo.shtml>

Here are my recommendations for Tactical and Surveillance night vision equipment:

- My first choice for equipment would be the AN/PVS-14, NSN 5855-01-432-0524 which is a multi-role Gen III night vision monocular having a manual gain function designed for use in urban areas. These do show up in various DRMOs sometimes ready to install batteries and ready to use. They also show up as incomplete units, so get as many as you can. The least expensive way to repair them is to cross-cannibalize parts from one or more units in order to get one in serviceable condition. Most of what goes wrong with these and other night vision equipment is the image intensifiers, MX-11769/UV NSN: 5855-01-444-3916 P/N: 3256350 IMAGE INTENSIFIER, NIGHT, NSN: 5855-01-562-2135 P/N: 245408-901, or the MX-11769A NSN: 5855-01-471-1509 P/N: A3279450 Image Intensifier Tube, Night Vis.

(NOTE: The above tubes also work in the AN/PVS-24, PVS-22, PVS-27, and other devices.)

So you may want to search for these because you may need them after getting any PVS-14's or you may be able to trade with other LEAs for parts or equipment they have that you need. For head and helmet mounting you will need: Adapter, Headset (J-arm) NSN: 5965-01-444-1216 and headset assembly, NSN: 5855-01-246-8266; Mount, Viewer (helmet mount) NSN: 5855-01-457-2953. While the PVS-14 was designed to be weapons mounted, the weapon they were designed for is the m16 5.56mm. High recoil rifles may damage the image tube. I can provide additional guidance on this if needed.

When you do the DRMO searches, remember to search in the overseas DRMOs in Germany, Korea, Japan, and others. State side a lot of good equipment gets demilitarized if not obtained by a certain period of time, but in overseas locations the DRMOs are managed differently and equipment and tubes are found more often there.

- Another good monocular is the Litton AN/PVS-18, NSN: 5855-01-433-1217 They can be mounted to a head mount or helmet different than the PVS-14's if you need more information on this just let me know.

- NVGs that can be used cover both eyes and produce a flat image lacking 3D cues, but are very useful for seeing at night and like the above monoculars, can be used with the weapons mounted lasers. The two main single tube NVGs are:

- The AN/PVS-7B NSN: NSN 5855-01-228-0937, AN/PVS-7D, NSN: 5855-01-422-5413, and AN/PVS-7A/C. all Gen III NVGs.

- - The image Intensifiers for the PVS-7s are: NSNs: MX-10130C/UV = 5855-01-328-3540 & 5855-01-328-3540 and MX-10130D/UV = 5855-01-422-4720, 5855-01-481-0818, & 5855-01-504-4589.

- - The image Intensifiers for the PVS-4: Gen II - MX-9644/UV NSN: 5855-01-138-2386 and Gen III MX11620/UV NSN: 5855-01-398-6167

Weapons mounted aim lasers:

AN/PAQ-4B - NSN 5855-01-361-1362 (IR laser aiming light)

AN/PAQ-4C - NSN 5855-01-398-4315 (IR laser aiming light)

AN/PEQ-2A - NSN 5855-01-422-5253 and NSN: 5855-01-447-8992 IR Aiming Laser ITP-500C

AN/PEQ-16B - NSN NSN: 5855-01-582-1584 Mini Integrated Pointing Illumination Module MIPIM

AN/PEQ-15A - NSN 5855-01-536-6166 DBAL-A2 Dual Beam Aiming Laser and Illuminator

GCP-2/V1 NSN: 5855-01-420-0817 50mW -

GCP-2/V2 NSN: 5855-01-448-8155 50mW -

GCP-2A/V1 NSN: 5855-01-420-0821 100mW -

GCP-2A/V2 NSN: 5855-01-448-8159 100mW -

GCP-2B/V1 & V2 NSN: 5855-01-485-4223 175mW -

VITAL-2 - NSN: 5855-01-468-4169 0.7 mW Infrared laser

VITAL-100 - NSN:5855-01-468-4188 100 mW Infrared laser

The following list was researched and provided to me by:

**Deputy Cole Petroske
Sherburne County Sheriff's Office**

NV Scope	5855011382386	MX-9644/UV Gen II Intensifier	PVS-4
NV Scope	5855013986167	MX11620/UV Gen III Intensifier	PVS-4
NV Goggle	5855012280939		PVS-7A
NV Goggle	5855012466806	Goggle assembly	AN/PVS-7B
NV Goggle	5855012280937		PVS-7B
NV Goggle	5855013637491		PVS-7C
NV Goggle	5855014225413		PVS-7D
NV Goggle	5855013283540	MX-10130C/UV Intensifier	PVS-7
NV Goggle	5855013283540	MX-10130C/UV Intensifier	PVS-7
NV Goggle	5855014224720	MX-10130D/UV Intensifier	PVS-7
NV Goggle	5855014810818	MX-10130D/UV Intensifier	PVS-7
NV Goggle	5855015044589	MX-10130D/UV Intensifier	PVS-7
NV Goggle	5855015264703		PVS-9

NV Monocular	5855014320524		PVS-14
NV Monocular	5855014443916	Intensifier tube	PVS-14
NV Monocular	5855012468266	Headset assembly	PVS-14
NV Monocular	5965014441216	J Hook	PVS-14
NV Monocular	5855015514525	ACH/MICH/CVC NVG Mount Assembly	
NV Monocular	5855014945916		PVS-14 Kit
NV Monocular	5855014331217		PVS-18 need different mount
NV Goggle	5855014757061		AVS-6V3
NV Goggle	5855014391745		AVS-6V1A
NV Goggle	5855011384749		AVS-6V1
NV Goggle	6135014478948	AVS battery pack	
NV Goggle	5855011494101		AVS 6 lenses
NV Goggle	5855015194171		AVS 6 lenses
NV Goggle	5855015034799	MX-10160C	AVS intensifier
		MX-10160B	
NV Goggle	5855014736076	MX-10160B	AVS intensifier
NV Goggle	5855014231497	MX-10160A	AVS intensifier
NV Goggle	5855013805096	MX-10160	AVS intensifier
NV Goggle	5855011514191	MX-10160	AVS intensifier
NV Goggle	5855014333157	Complete kit F4949G	AVS-9
NV Goggle	5855015277098	F4949-G	AVS-9
NV Goggle	5855015281917	F4949	AVS-9
NV Goggle	5855015281918	F4949-D	AVS-9
NV Goggle	5855015281920	F4949-L	AVS-9
NV Goggle	5855015276365		
NV Monocular	5855015278407	Mini Monocular	
NV Monocular	5855014665203	Mount to scope or hand	Remington RB9712D
NV Monocular	5855014665214	Mount to scope or hand	Remington RB9712C
NV Monocular	5855014665221	Mount to scope or hand	Remington RB9712B
NV Monocular	5855014665222	Mount to scope or hand	Remington RB9712A
NV			
Pocketscope	5855013627066		600A

Another NVG that is the best for both observation and tactical is the ANVIS which comes in several military and civilian aviation models as well as a ground model. It uses two monocular systems so that each eye has its own intensified image. They can be helmet mounted using this Flight Mount and an invention of mine called the AKHM, See: http://www.wilcoxeng-res.com/akhm_diy.html

Here are the NSNs of some of the ANVIS models: 5855-01-475-7061, 5855-01-439-1745, and 5855-01-138-4749. The image tubes for these are (newest to oldest): MX-10160C NSN 5855-01-503-4799, MX-10160B NSN 5855-01-473-6076, MX-10160A NSN 5855-01-423-1497, MX-10160 NSN 5855-01-380-5096, and MX-10160/5855-01-151-4191.

Additional Information:

<u>NSN</u>	<u>P/N</u>	<u>CAGE</u>	<u>NOMENCLATURE</u>
5855-01-138-4749	AN/AVS-6(V)1	80058	AN/AVS-6, Night Vision Device

5855-00-629-5334	SMD 850300-1	80063	AN/PVS-4, Night Vision Device
5855-01-432-0524	AN/PVS-14	80058	AN/PVS-14, Night Vision Device
5855-01-452-6715	135XLR	ONTN5	Night Vision Scope, Mantis, 135XLR
5855-01-452-6878	135XXLR	ONTN5	Night Vision Scope, Mantis, 135XXLR
5855-01-452-6846	140XLR	ONTN5	Night Vision Scope, Mantis, 140XLR
5855-01-452-6839	140XXLR	ONTN5	Night Vision Scope, Mantis, 140XXLR
5855-01-378-1405	550-3600-300-1	27777	Night Weapon Sight, Aquila, Model 3000
5855-00-629-5327	SMD 850100-1	80063	Crew Served Weapon Sight, AN/TVS-5, Model 780
5855-01-420-0849	GCP-1A	ONTN5	Illuminator IR, GCP-1A
5855-01-420-0851	GCP-1B	ONTN5	Illuminator IR, GCP-1B
5855-01-420-0817	GCP-2(V1)	ONTN5	Illuminator IR, GCP-2(v)1
5855-01-420-0821	GCP-2A(V1)	ONTN5	Illuminator IR, GCP-2A(v)1
5855-01-448-8155	GCP-2(V2)	ONTN5	Illuminator IR, GCP-2(v)2
5855-01-448-8159	GCP-2A(V2)	ONTN5	Illuminator IR, GCP-2A(v)1
1260-01-040-1494	MX9653	80058	External Power Adapter, AN/PAQ-1
5855-01-361-1362	AN/PAQ-4B	80058	Infrared Aiming Light, AN/PAQ-4B
5855-01-398-4315	AN/PAQ-4C	80058	Infrared Aiming Light, AN/PAQ-4C
5855-01-438-4588	IR-14	ONTN5	Phoenix Jr, IR Transmitter, Nonprogrammable
5855-01-396-8734	IR-15	ONTN5	Phoenix, IR Transmitter, T-1604/U
6025-01-396-8732	IR-15V	ONTN5	Phoenix, Non-IR Transmitter, T-1605/U
5855-01-451-9877	IR-25	ONTN5	Phoenix, IR Transmitter, 2.5 Channel
5855-01-456-5752	MEI-101	ONTN5	MEI-101, IR Signal and Day Smoke Signal
5855-01-456-5753	MEI-102	ONTN5	MEI-102, IR Illumination Device, Flare
5855-01-456-5752	MEI-200	ONTN5	MEI-200, IR Illumination Kit
5855-01-456-5752	MEI-200B	ONTN5	MEI-200, IR Illumination, Bandoleer
6625-01-323-9584	TS-4348/UV	80058	TS-4348/UV Night Vision Test Equipment Test Set
6625-01-374-9681	ANV-126-001	06097	ANV-126-001 Night Vision Test Equipment Test Set

5855-01-362-7066

NVEC 600A 0NTN5

Night Vision Pocket Scope, Model 600A (35mm SLR
Camera/Camcorder)