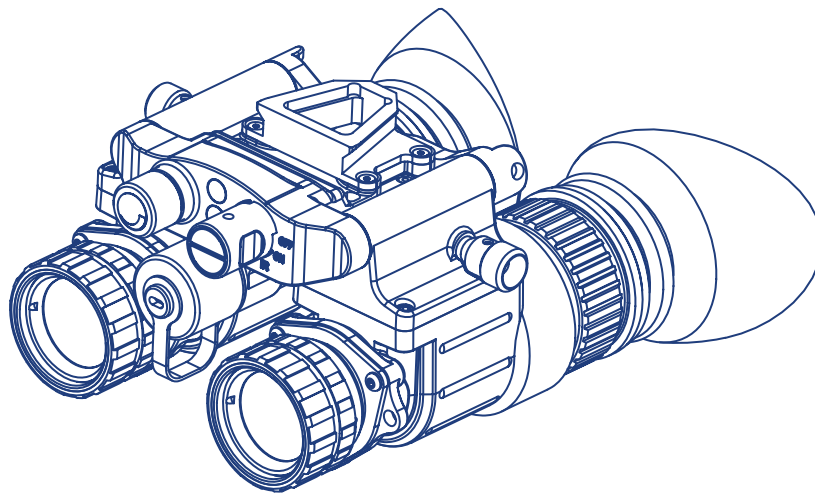


ARMASIGHT by FLIR **BNVD[®]**
Night Vision Binoculars



USER MANUAL



Call Us 1.877.571.7901



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This product is protected by patents, design patents, patents pending, or design patents pending.

If you have questions that are not covered in this manual, or need service, contact FLIR OTS customer support for additional information prior to returning a camera.

Phone: 1-888-959-2259

E-mail: OTS-Support@flir.com

This documentation is subject to change without notice.

Proper Disposal of Electrical and Electronic Equipment (EEE)

The European Union (EU) has enacted Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE), which aims to prevent EEE waste from arising; to encourage reuse, recycling, and recovery of EEE waste; and to promote environmental responsibility.



In accordance with these regulations, all EEE products labeled with the "crossed out wheeled bin" either on the product itself or in the product literature must not be disposed of in regular rubbish bins, mixed with regular household or other commercial waste, or by other regular municipal waste collection means. Instead, and in order to prevent possible harm to the environment or human health, all EEE products (including any cables that came with the product) should be responsibly discarded or recycled.

To identify a responsible disposal method where you live, please contact your local waste collection or recycling service, your original place of purchase or product supplier, or the responsible government authority in your area.

Business users should contact their supplier or refer to their purchase contract.

Important Instructions and Notices to the User:

Modification of this device without the express authorization of FLIR Commercial Systems, Inc. may void the user's authority under FCC rules to operate this device.

Note 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that of the receiver
- Consult the dealer or an experienced radio/television technician for help.

Industry Canada Notice:

This Class B digital apparatus complies with Canadian ICES-003.

Avis d'Industrie Canada:

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

FLIR Outdoor & Tactical Systems

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www.flir.com

Export Information

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited.

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SAFETY STATEMENT

WARNING:

The image intensifier's phosphor screen contains toxic materials.

- If an image intensifier is broken, be extremely careful to avoid inhaling the phosphor screen material. Do not allow the material to come in contact with the mouth or open wounds on the skin.
- If the phosphor screen material contacts your skin, wash it off immediately with soap and water.
- If you inhale/swallow any phosphor screen material, drink a lot of water, induce vomiting, and seek medical attention as soon as possible.

WARNING:

This product contains natural rubber latex, which may cause allergic reactions! The FDA has reported an increase in the number of deaths that are associated with an apparent sensitivity to natural latex proteins. If you are allergic to latex, it is a good idea to learn which products contain it and strictly avoid exposure to those products.

Important Safety Instructions

- Read and follow all instructions
- Heed all warnings
- Only use the attachments/accessories specified by the manufacturer
- All service must be provided by the manufacturer

WARNING:

- **DO NOT DISASSEMBLE THE DEVICE.**
Disassembly can cause permanent damage.
- Use of the BNVD in brightly light conditions and in the places with bright light sources such as firelight, headlights, searchlights, etc. can damage the unit's intensifier tubes. Avoid exposing the unit to these types of light sources.
- When operating the device in extremely dark conditions, the light from the unit's IR illuminator will be invisible to the unaided eye. However, the light can be detected by other night vision devices (NVD).
- To reduce the risk of detection by another NVD, avoid prolonged activation of the IR illuminator.
- The IR light is more easily detected by an NVD when used in smoke, fog and rain. Avoid prolonged activation of the unit's IR illuminator in these conditions.

CAUTION:

- The BNVD is a precision optical instrument. To prevent damage to the unit, it should always be handled carefully.
- Do not scratch the external lens surfaces or touch them with your fingers.
- To protect the image intensifier, keep the lens cap securely fitted over the objective lens when the device is not in use, or when it is being used in daylight conditions.
- Keep the equipment clean. Protect it from moisture, dramatic temperature drops, and electrical shocks.
- DO NOT force the equipment controls past their stopping points.
- DO NOT leave the equipment activated during breaks in operation.
- DO NOT store the equipment with the batteries installed.
- Thoroughly clean and dry each item before placing them into the storage case.

NOTES:

- Do not test the device in daylight conditions for more than ten (10) minutes, even with the daylight filter/ lens cap on.
- The purpose of the built-in IR illuminator is to provide additional illumination when necessary while viewing scenes at close distances (up to 3 meters).
- The equipment requires some ambient light (moonlight, starlight, etc.) to operate.
- Performance of the device in nighttime conditions depends on the level of ambient light in the environment. Please remember the following:
 - The level of ambient light is reduced by the presence of clouds, shade, or objects that block natural light (trees, buildings, etc.).
 - The equipment is less effective when operated in shadows and other darkened areas.
 - The equipment is less effective when operated in rain, fog, sleet, snow, dust or smoke.
 - The equipment will not "see" through dense smoke.

BNVD® Night Vision Binoculars

The BNVD® is used as a night vision goggles or a handheld night vision binoculars. Nevertheless, in the industry, and throughout this manual, this type of device is also referred to as NVG.

SECTION 1. INTRODUCTION

1.1 BINOCULARS

This manual covers the BNVD night vision binoculars and all applicable components. It is recommended that you read and understand this manual to optimize the binoculars operation.

1.2 INTRODUCTION

The BNVD is a hand-held, head-mounted or helmet-mounted night vision system that enables mobility, driving, weapon firing, short-range surveillance, map reading, vehicle maintenance and administering first aid during operation in both moonlight and starlight.

The BNVD is a dual-channel night vision device. The BNVD uses advanced, multi-coated optics and a tough, compact, and ergonomic composite housing. The BNVD can be used as a monocular or binocular goggles, or stowed out of the way without removing. Rotating binocular design allows low profile against helmet when in stowed position. This device operates with a single gain control knob and utilizes features like a flip up turn off with flip down turn back on function, when used in conjunction with a compatible head/ helmet mount. There is also an integral infrared illuminator for reading a map.

1.3 FEATURES

- Rotating binocular design allows low profile against helmet when in stowed position and ability to use as a single monocular
- Binocular design for sustained viewing periods and improved depth perception
- Manual system gain and focus adjustments for custom image quality optimization
- Auto OFF when stowed; resumes power when deployed
- Integrated infrared (IR) illuminator
- Head or helmet-mountable
- Low-battery, bright light cut-off, and IR indicators in eyepiece
- Self-contained system operating on a single AA or CR123 battery
- Compact and lightweight, rugged construction
- Optional remote battery pack for extended use
- Limited 2-year warranty

1.4 REGISTER YOUR BNVD

You can register your product online at:
www.flir.com

1.5 IMAGE INTENSIFIED NIGHT VISION VERSUS INFRARED THERMAL VISION

Image Intensification "I²" works by collecting tiny amounts of light, including the lower portion of the infrared light spectrum, that are present but may be imperceptible to our eyes, and amplifying it to the point that we can easily observe the image.

Thermal imaging technology operates by capturing the upper portion of the infrared light spectrum, which is emitted as heat by objects instead of simply reflected as light. Hotter objects, such as warm bodies, emit more of this light than cooler objects, like trees or buildings.

The thermal vision device makes images from heat, not light, a feat impossible for the naked eye or image intensified (I²) night vision devices. This allows you to see clearly without any visible light. People, animals, and objects all generate or reflect heat, and are clearly seen by the thermal vision device, in even the most adverse conditions.

Thermal is best used to detect the desired object. It is the best 24-hour imaging option.

Night vision devices provide a more natural image, wider field of view (FOV), wider operating temperature, and longer battery life.



I² IMAGE IN NEAR TOTAL DARKNESS

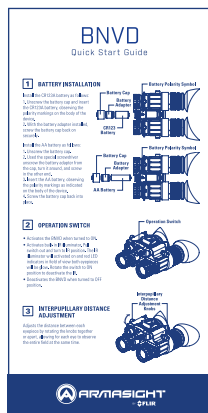
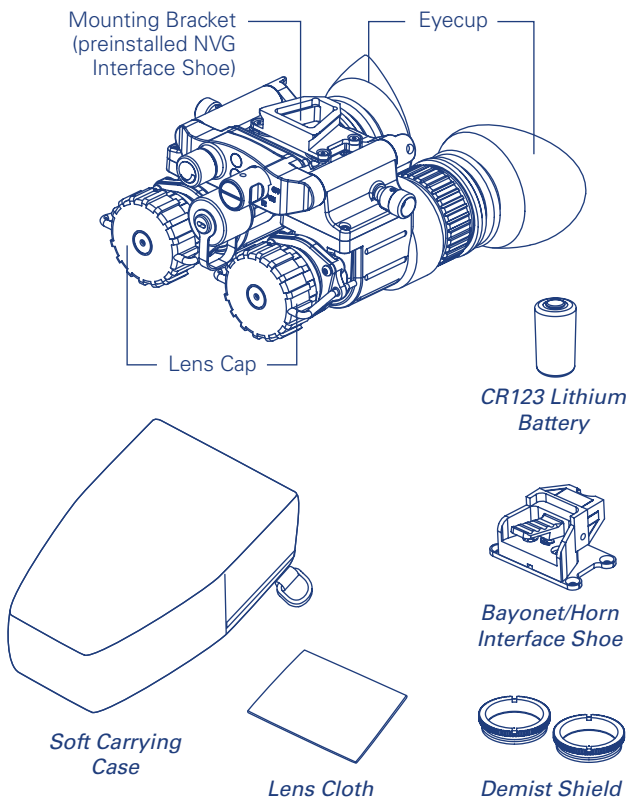


THERMAL IMAGING

SECTION 2. GETTING STARTED

2.1 UNPACKING AND INSPECTING

The BNVD is available with the features, options, and accessories described in this manual. Refer to the packing list enclosed with your product to determine the actual contents of your product package.



Quick Start Guide



Thank You Card

2.2 BATTERY

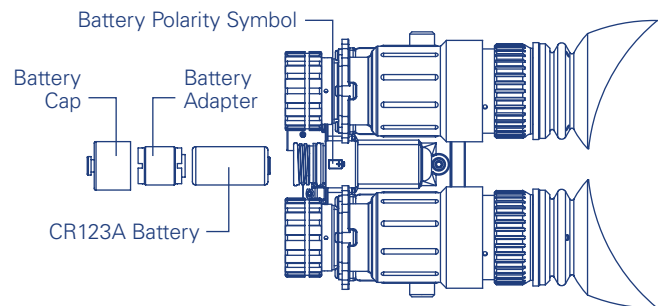
The BNVD operates on a single CR123A or AA battery. This is possible by repositioning the battery adapter in the battery cap.

LOW BATTERY INDICATOR

When the binoculars are ON, a flashing red LED indicator in the eyepiece viewing area indicates that the battery is low. This indicator provides an alert the user to replace the battery.

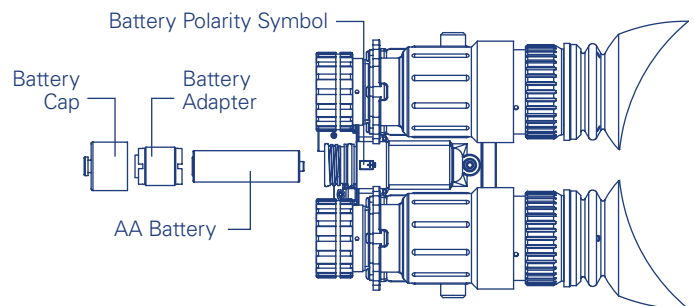
CR123A BATTERY INSTALLATION

1. Unscrew the battery cap and insert the CR123A battery, observing the polarity markings on the body of the device.
2. With the battery adapter installed, screw the battery cap back on securely.



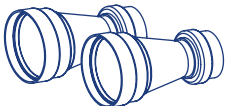
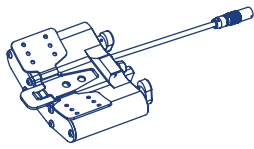
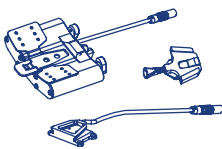
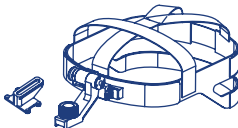
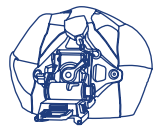
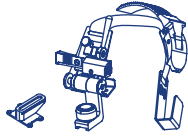
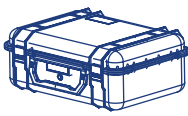
AA BATTERY INSTALLATION

1. Unscrew the battery cap.
2. Unscrew the battery adapter from the cap, turn it around, and screw in the other end.
3. Insert the AA battery, observing the polarity markings as indicated on the body of the device.
4. Screw the battery cap back into place.



2.3 OPTIONAL EQUIPMENT

Optional items are shown and listed in the table below. The PART NO. column indicates the primary number used by the manufacturer to identify an item.

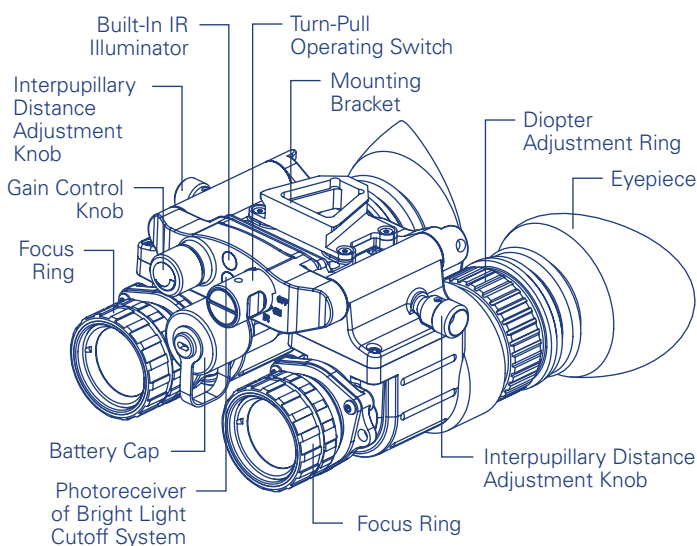
IMAGE	DESCRIPTION	PART NO.
	3x Afocal Lens Kit for BNVD (Includes: two 3x Afocal Lenses with two adapters #215)	ANAF3X0215
	Battery Pack #206 (Includes: Battery Pack Bracket #231, Nylon Bag)	ATAM000206
	Battery Pack Kit (Includes: Battery Pack #206 w/ Battery Pack Bracket #231 and Nylon Bag, NVG Interface Shoe with Connector #212, Battery Locking Plate Adapter #213)	ATAMNYX15M
	Battery Locking Plate Adapter #213	ANAM000213
	NVG Interface Shoe with Connector #212	ANAM000212
	Goggle Kit for BNVD (Includes: Goggle Kit #205, Adapter #224)	ANHGNYX205
	Tactical Goggle Kit for BNVD (Includes: Wilcox L4 G24 w/ Low Profile Breakaway mount, Wilcox 3 Hole Shroud, Wilcox Lanyard, Crye Precision Head Cap)	ANHGWNXYX0
	Helmet Mount Kit for BNVD (Includes: Helmet Mount #3, Adapter #224)	ANHMNYX15M
	Hard Shipping/ Storage Case #101	ANHC000001

SECTION 3. OPERATING THE SYSTEM

3.1 SYSTEM DESCRIPTION

The BNVD utilizes the principle of intensification of the residual light that is reflected from the surrounding objects. The optical system of the unit consists of two monocular channels, each consisting of a lens, an image intensifier tube (IIT), and an eyepiece.

This device operates with a single gain control knob for both channels. Each unit allows for vertical adjustment (using the head or helmet mount), fore-and-aft adjustment, objective lens focus, eyepiece focus, and interpupillary distance adjustment. The binoculars are equipped with an infrared (IR) light-emitting diode (or illuminator) to provide additional illumination for reading a map. The binoculars are also equipped a low battery indicator, a bright light cut-off system indicator, and IR illuminator indicator in the field of view of device.



3.2 SYSTEM CONTROLS

3.2.1 TURN-PULL OPERATING SWITCH

The turn-pull operating switch performs the following functions:

- Activates the BNVD when turned to ON.
- To activate built-in IR illuminator, pull switch out and turn to IR position. The IR illuminator will activate on, and red LED indicators in both eyepieces will glow. Rotate the switch to ON position to deactivate the IR.
- Deactivates the BNVD when turned to OFF position.

3.2.2 DIOPTER ADJUSTMENT RING

The diopter adjustment ring allows a user to alter the viewfinder to accommodate that individual's eyesight for optimum image sharpness. While looking through the eyepiece, rotate the diopter adjustment ring to optimize the sharpness of the image in the viewfinder.

3.2.3 FOCUS RING

Bring the object into focus by turning the objective focus ring (counter clockwise for far focus, clockwise for near focus, if you look in the eyepieces). Rotate the focus ring until the subject looks sharp in the viewfinder.

3.2.4 INTERPUPILLARY DISTANCE KNOB ADJUSTMENT

Adjusts the distance between each eyepiece by rotating the knobs together or apart, allowing for each eye to observe the entire field at the same time.

3.2.5 GAIN CONTROL KNOB

Used to adjust the gain (brightness) of the viewed image. Turn the gain control to balance the illumination input to the eyes.

3.2.6 INDICATION

When the BNVD is ON, the color LED indicators can be shown in the field of view. The color LEDs indicate the following states of the device:

INDICATIONS	COLOR OF LED IN THE FOV
Built-in IR illuminator is activated	Red
Image intensifier tubes are exposed to excessive levels of light	Green
Battery is low	Flashing Red

3.3 AUTO POWER OFF FUNCTION

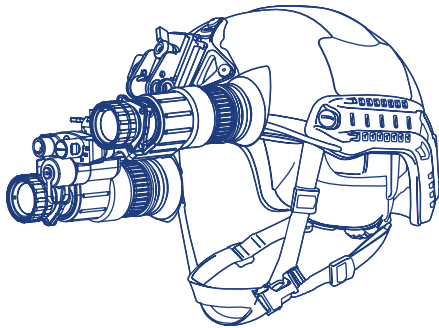
The BNVD bright light cut-off feature shuts off power to the binoculars when they are exposed to excessive levels of light for more than 10 seconds.

Automatic shut-off system automatically turns off the device when it is unused (controls are not touched) for 60 minutes. The automatic shut-off function preserves battery life should the device be inadvertently activated.

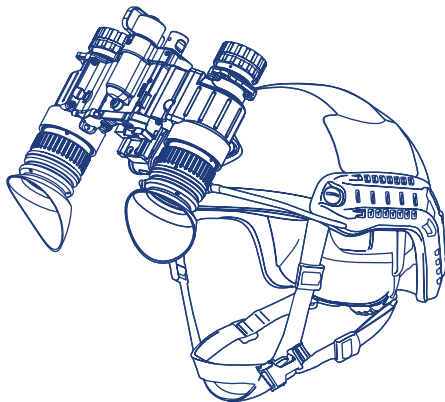
3.4 OPERATING PROCEDURES

1. Verify that the battery is installed as indicated on the unit body.
2. Remove the lens cap and place it over the housing of the lens.
3. Turn the function switch ON. After a slight delay, a green glow will appear in the eyepiece of the unit.
4. Adjust the unit diopter by rotating the ring of the eyepiece.
5. Observe the scene. Rotate the focus ring until the image is clear and sharp.
6. Adjust the brightness of the image using the gain control knob.

The BNVD can be used as one-eye observational unit by choosing which side you want to use as your night vision monocular and rotate the other unit up and out of the way. The power of unit will be switched off in rotated up position and it will be on automatically when returned back to the working position.



Monocular Goggles Position



Stowed Position

NOTE:

If the automatic shut-off system turns off the device, turn the operation switch to OFF position and then back to ON position for continuing operation.

NOTE:

If the bright light cut-off feature turns off the device, the power will turn on automatically when the level of light decreases.

3.5 IR ILLUMINATOR OPERATIONS

NOTE:

The built-in IR illuminator is designed to provide additional illumination (when needed) while viewing scenes or targets from a short distance (up to 3m).

To turn built-in IR Illuminator on, pull the operation switch out and turn it from ON to the IR position.

Red LED indicators in field of view of both eyepieces will appear and indicate the IR illuminator is operating.

Rotate the switch to ON position to deactivate the IR.

IR Illuminator will be switched off when both monocular units are rotated to the side and upward. IR Illuminator will be on automatically when one of monoculars returns to the working position.

3.6 OPERATING UNDER CHANGING LIGHT CONDITIONS

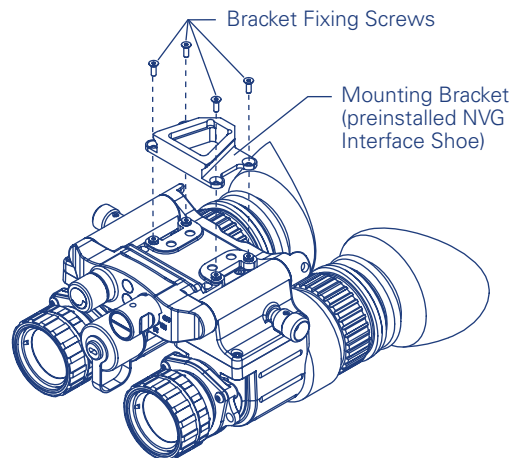
If the ambient light level exceeds the limit, the BNVD automatic protective system will shut off the intensifier tubes. If a mission must be carried out in changing light conditions, the user can shut down the protective system manually by closing the photoreceiver.

CAUTION:

DO NOT forget to open the photoreceiver after completing your mission.

3.7 INSTALLING A MOUNTING BRACKET TO THE BNVD

The BNVD comes fully-assembled with a dovetail type NVG Interface Shoe. The NVG Interface Shoe is attached to the binoculars body with four flathead socket cap screws.



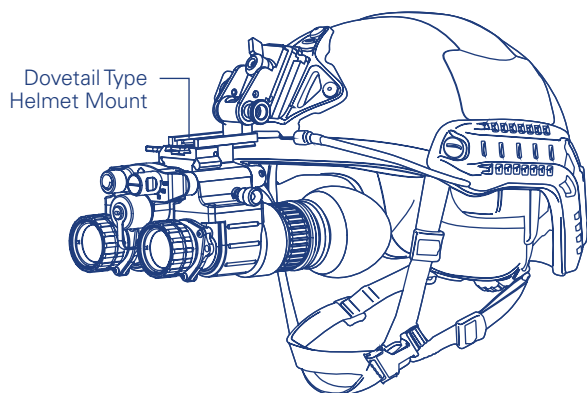
To replace the NVG Interface Shoe to other optional bracket, please follow the instructions below:

1. Remove the four screws that attach the bracket to the unit body.
2. Remove the bracket.
3. Place a new bracket and affix with four screws.

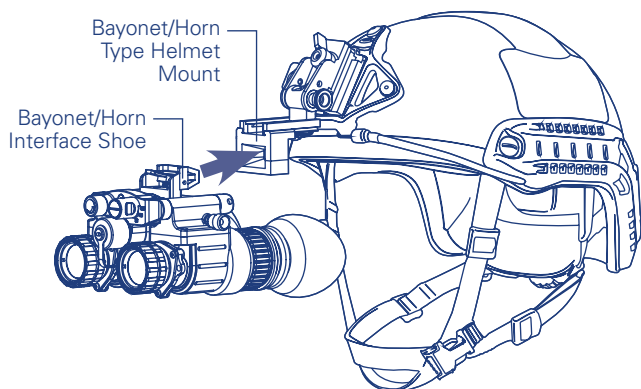
3.8 MOUNTING THE BNVD TO A HELMET/HEADGEAR ASSEMBLY

For hands-free use of the BNVD, it can be installed to the AN/PVS-7D, AN/PVS-14, AN/PVS-7A/C, AN/PVS-15, and AN/PVS-18 mounts, or to the mounts with mini-rail interface. With the mount, the BNVD can be positioned directly in front of the user's eyes, or flipped out of the field of view.

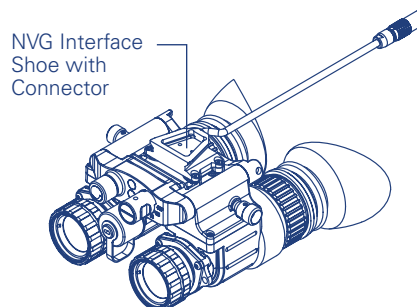
NVG Interface Shoe (preinstalled) is used for installing the BNVD to either standard dovetail type headset and helmet mounts.



Bayonet/Horn Interface Shoe is used for installing the BNVD to either standard bayonet/horn type headset and helmet mounts.



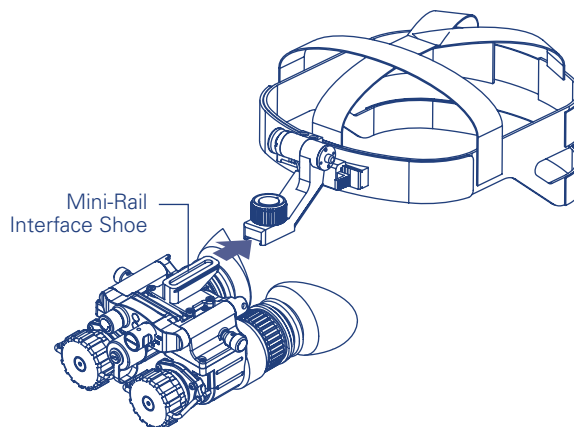
NVG Interface Shoe with Connector is used for installing the BNVD to either standard dovetail type headset and helmet mounts and connecting the Battery Pack.



Adapter #224 (Mini-Rail Interface Shoe) is used for installing the BNVD to the Goggle Kit #205 and Helmet Mount #3 with mini-rail interface.

NOTE:

The power of BNVD will be turned off when the device is swing up using the flip-up mechanism of Goggle Kit #205 or Helmet Mount #3. The power will be on automatically when device is returned back to the working position.



Install the necessary bracket to the BNVD per instructions in paragraph 3.7.

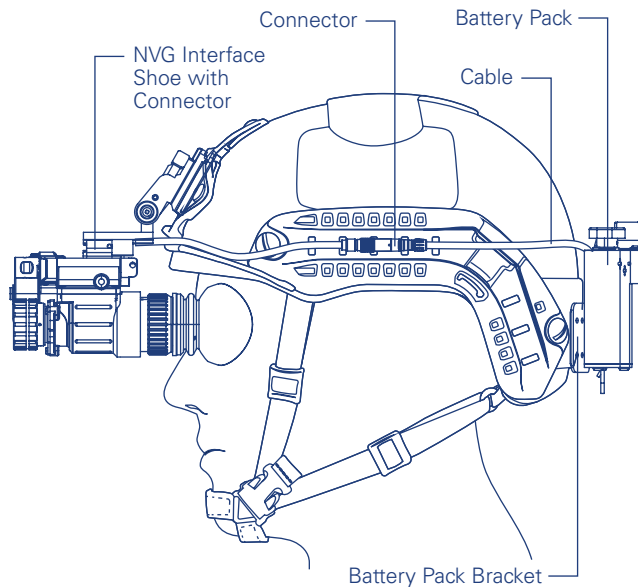
Mount the BNVD to helmet/headgear assembly. Put on the helmet/headgear assembly and adjust the position of binoculars regarding your eye.

3.9 USING A BATTERY PACK

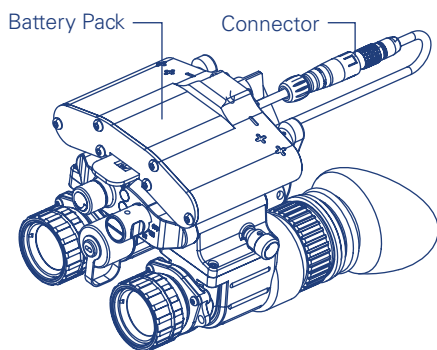
The BNVD with installed NVG Interface Shoe with Connector can be used in conjunction with the Battery Pack for longer run times. When the Battery Pack is connected, it works in conjunction with an internal power source.

When BNVD is used as goggle system, the Battery Pack can be installed with Battery Pack Bracket #231 or Nylon Bag on the back side of the helmet.

The Battery Pack connects to the NVG Interface Shoe using the Lemo connector on the cable.



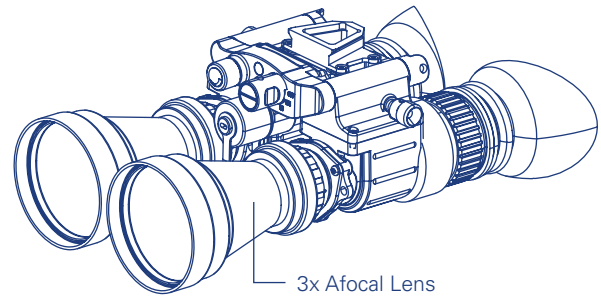
When BNVD is used as hand-held NV binoculars, the Battery Pack can be installed with the Battery Locking Plate Adapter directly to the NVG Interface Shoe with Connector.



3.10 USING THE OPTIONAL AFOCAL 3X LENS

The binoculars can be used as excellent long-range viewer with an optional 3x afocal lens.

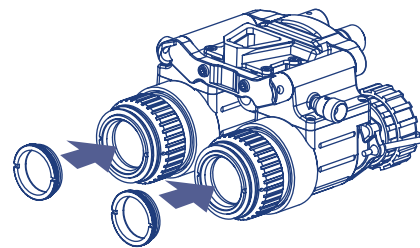
To mount the afocal lens, be slip over the end of the objective lens of BNVD. Carefully push the afocal lens until it stops.



3.11 DEMIST SHIELD INSTALLATION

Mount a Demist Shield to the BNVD as follows:

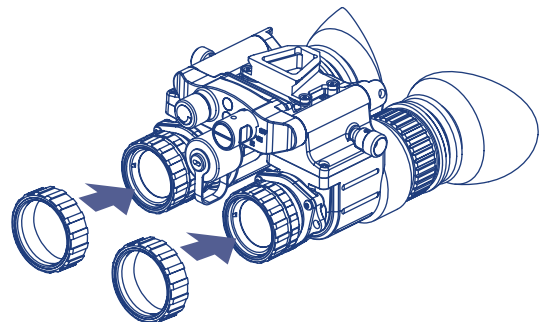
1. Remove the eyecup from the BNVD eyepiece.
2. Coat the Demist Shield with an anti-fogging compound, to prevent moisture condensation on the surface of the shield.
3. Screw the Demist Shield into the threading of the eyepiece.
4. Secure the eyecup back into place.



3.12 SACRIFICIAL WINDOW INSTALLATION

Mount a Sacrificial Window to the BNVD as follows:

1. Remove the BNVD lens cap, if it is in place.
2. Carefully push the Sacrificial Window onto the end of the objective lens of BNVD until it stops.



SECTION 4. MAINTENANCE

4.1 BATTERY REMOVAL AND REPLACEMENT

Refer to Part 2.2 for battery installation procedures.

4.2 CLEANING THE BNVD

Wipe the housing with a damp cloth as needed.

CAUTION: Do not use abrasives or solvents to clean the housing, lens, or display window. Do not use ammonia-based cleaning products to clean the lens. Doing so may damage the anti-reflective coating of the lens.

The BNVD lens is designed for the harsh outdoor environment and has a coating for durability and anti-reflection, but it may require cleaning occasionally. Avoid scratching the lens and/or leaving fingerprints on the optics. Optics can be damaged by improper cleaning. Clean the lens according to the instructions below when image quality degradation is noticed or excessive dirt or other contaminant is on the lens.

Do not use abrasive materials, such as paper or scrub brushes as this will possibly damage the lens by scratching it. Only wipe the lens clean when there is visible contamination on the surface.

PREFERRED METHOD FOR CLEANING THE LENS

Materials:

- Optical-grade cloth
- Pure water (de-ionized or other)
- Isopropyl alcohol (IPA)

Saturate a piece of the lens tissue with the water and drape it over the lens. Let the surface tension of the water pull the tissue onto the lens surface and then drag the tissue across the lens surface. Repeat several times with different pieces of tissue.

Repeat the same step using IPA instead of water. Drag the final piece of tissue over the lens several times to prevent pooling, which could leave a residue behind.

SECTION 5. WARRANTY

5.1 GLOBAL LIMITED WARRANTY

Follow the link <http://www.flir.com/uploadedFiles/Corporate/Support/FLIR-Personal-Vision-Systems-2-3-10-Limited-Warranty.pdf> to retrieve FLIR's Warranty document.

5.2 PRODUCT REGISTRATION

In order to validate the warranty on your product, FLIR Outdoor & Tactical Systems must receive a completed Product Warranty Registration Card for each unit, or the customer can complete the warranty registration form on our website by completing and submitting FLIR Outdoor & Tactical Systems' PRODUCT REGISTRATION FORM (<http://www.flir.com/hunting-outdoor/display/?id=74583>).

5.3 OBTAINING WARRANTY SERVICE

For service, repair or replacement, please contact:

FLIR Outdoor & Tactical Systems

815 Dubuque Avenue, South San Francisco, CA 94080

Phone: 1-888-959-2259 or (650) 492-7755

Fax: 1-888-959-2260

International Phone/Fax: (650) 492-7755

E-mail: OTS-Support@flir.com

www.flir.com/ots

SECTION 6. SPECIFICATIONS

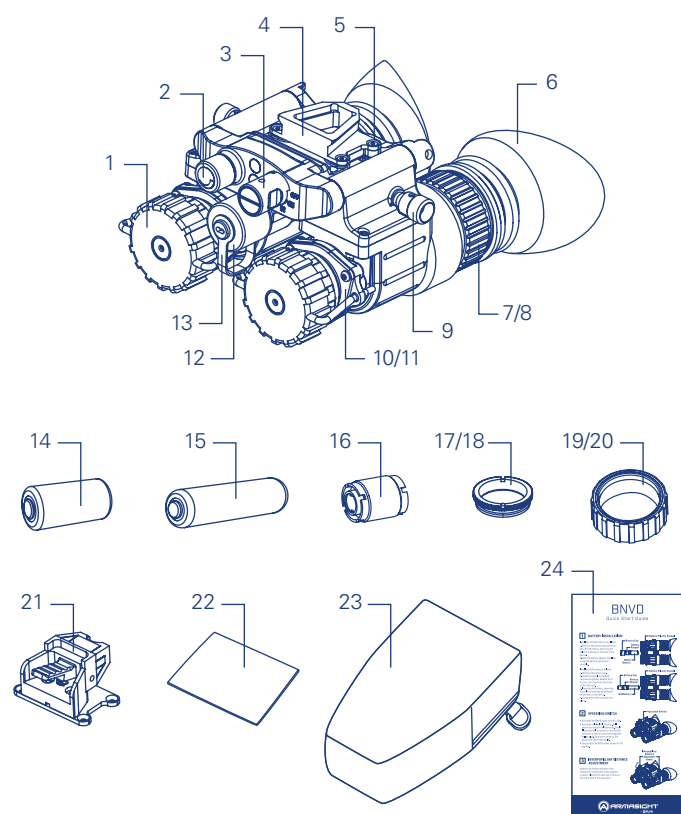
	BNVD-51	BNVD-40
OPTICAL SPECIFICATIONS		
Magnification	1X	
Lens System	19 mm; F/1.26	27 mm; F/1.3
FOV	51°	40°
Focus Range	0.25 m to Infinity	
Eye Relief	17 mm	25 mm
USER INTERFACE		
Operation Switch	Power On/ Off; IR illuminator On/Off	
Gain Control Knob	Adjusts the image brightness	
Diopter Adjustment Rings	Adjusts the eyepiece diopter	
Focus Rings	Adjusts the objective lens focus	
LED Indicators	Indicates low battery, IR On, and excessive light conditions	
SYSTEM SPECIFICATIONS		
Manual Gain Control	Yes	
Bright Light Cut-Off	Yes	
Automatic Shut-Off System	Yes	
Low Battery Indicator	Yes	
IR Indicator	Yes	
Bright Light Cutoff System Indicator	Yes	
Infrared Illuminator	Yes	
POWER		
Battery Type	Single AA 1.5V battery or CR123A Lithium 3V battery / Optional Battery Pack	
Battery Life (Operating)	Up to 20 hrs; up to 80 hrs with optional Battery Pack	
ENVIRONMENTAL		
Operating Temperature Range	-40°C to +50°C (-40°F to +122°F)	
Storage Temperature Range	-50°C to +50°C (-58°F to +122°F)	
PHYSICAL		
Diopter Adjustment	-6 to +2 dpt	
Interpupillary Distance	54 to 78 mm	
Weight	615 g (1.35 lb)	645 g (1.42 lb)
Size	115 × 118 × 73 mm (4.5 × 4.6 × 2.8")	113 × 118 × 73 mm (4.4 × 4.6 × 2.8")
PACKAGE INCLUDES		
Night Vision Binoculars, NVG Interface Shoe (preinstalled), Bayonet/Horn interface Shoe, Demist Shield (2), Sacrificial Window (2), Battery, Lens Cloth, Quick Start Guide, Soft Carrying Case		

SECTION 7. SPARE PARTS

The parts authorized in the below list of spare parts are required for operator maintenance. This list includes parts that must be removed in order to replace authorized parts.

The ITEM NO. column indicates the number used to identify items in figure below.

The PART NO. column indicates the primary number used by the manufacturer to identify an item; this number controls the design and characteristics of the item by means of its engineering, specifications, standards, and inspection requirements.



ITEM NO.	DESCRIPTION	PART NO.
1	Lens Cap	BNVDLNCP
2	Gain Control Knob	BNVDGCK
3	Operating Switch	BNVDOPSW
4	NVG Interface Shoe	BNVDNVGIS
5	Bracket Fixing Screws	BNVDBFS
6	Eyecup	BNVDEYCP
7	BNVD-51 Eyepiece Assembly	BNVD51EA
8	BNVD-40 Eyepiece Assembly	BNVD40EA
9	Interpupillary Distance Adjustment Knob	BNVDIDAK
10	BNVD-51 Objective Lens Assembly	BNVD51OLA
11	BNVD-40 Objective Lens Assembly	BNVD40OLA
12	Battery Cap	BNVDBTCP
13	Battery Cap Retainer	BNVDBCR
14	CR123A Lithium Battery	ALT
15	AA Alkaline Battery	ALT
16	Battery Adapter	BNVDBTAD
17	Demist Shield for BNVD-51	BNVD51DS
18	Demist Shield for BNVD-40	BNVD40DS
19	Sacrificial Window for BNVD-51	BNVD51SW
20	Sacrificial Window for BNVD-40	BNVD40SW
21	Bayonet/Horn Interface Shoe	BNVDBHIS
22	Lens Cloth	BNVDLNCL
23	Soft Carrying Case	BNVDSCC
24	Quick Start Guide	BNVDQSG

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OTS-Sales@flir.com

Government Sales:

OTS-Gov@flir.com

International Sales and Export:

OTS-Export@flir.com

Technical Support, Repairs, Returns, Refunds & Warranty:

OTS-Support@flir.com

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Call Us 1.877.571.7901

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