



FIREFIELD SIEGE MONOCULAR SERIES

USER MANUAL



FFI2003, FFI2004 & FFI2004T



Founded in 2009 and forged in the crucible of a major economic downturn, Firefield (www.fire-field.com) is laser-focused on delivering uncompromising value to the legion of integrity-driven, armed individuals depending on hard-earned wages to light the way to victory. The foundation of Firefield is built on patriotism and a squad approach to teamwork in order to achieve victory and preserve our way of life.

Firefield offers force multipliers and accessories for mission-critical operations and extreme shooting sports involving rifles, shotguns and pistols. No matter what genre of shooting appeals to emerging firearm enthusiasts, Firefield provides the tools necessary for your team to overcome adversity. In a free world FORGED INVICTORY, Firefield transforms fear to courage and grit to glory.

© Sellmark Corporation, all rights reserved

www.fire-field.com

ABOUT FIREFIELD SIEGE MONOCULAR SERIES

The IP55 water resistant Firefield Siege 8x32 Monocular gets you up close and personal with 8X magnification, fully multi-coated glass and a 32mm objective lens designed for great light transmission and a crystal clear field of view even when dusk sets in. Rubber armor keeps this optic in great shape year after year. Includes lens covers, lens cloth, carrying case and lanyard.

The IP67 waterproof Firefield Siege 10x50 Monocular gets you up close and personal with 10X magnification, fully multi-coated glass and a robust 50mm objective lens designed for incredible light transmission and a crystal clear field of view even when dusk sets in. Rubber armor keeps this optic in great shape year after year while a 1/4-20 bottom mount allows you to use the Firefield Siege 10x50 Monocular as a compact, on-the-go spotting scope. Includes lens covers, lens cloth, carrying case and a lanyard.

The Firefield Siege 10x50R Tactical Monocular makes for a user-friendly, exceptional viewing experience with its twist-up eyecup, range-finding reticle, and internal focusing.

TECHNICAL SPECIFICATIONS

Technical Specifications	FFI2003	FFI2004	FFI2004T
Magnification (x)	8	10	10
Objective lens diameter (mm)	32	50	50
Exit pupil diameter (mm)	4	.6 / 15.4	.6 / 15.4
Eye relief (in/mm)	.51 / 13	7	7
Field of view (degrees)	7.5	367.21	367.21
Field of view (ft@1,000yds)	393	367	367
Close focus distance (ft/m)	16 / 5	13 / 4	13 / 4
Length (in/mm)	4.9 / 125	6.2 / 157	6.2 / 157
Width (in/mm)	1.8 / 45	2.2 / 56	2.2 / 56
Height (in/mm)	1.8 / 46	2.6 / 66	2.6 / 66
Weight (oz.)	8	15.2	15.2

FEATURES FFI 2003

- Fully multi-coated optics
- Roof prism optical system
- Straight eyepiece design
- Compact, lightweight design
- Twist-up eyecup
- Straight eyepiece design

FEATURES FFI 2004/FFI 2004T

- Fully multi-coated optics
- Internal focusing
- Rangefinding reticle*
- Roof prism optical system
- Straight eyepiece design
- Twist-up eyecup
- Built-in tripod adapter
- Waterproof and fogproof

*FFI 2004T only

INCLUDED ACCESSORIES

- Lanyards
- Lens covers
- Carrying case
- Lens cloth

DIAGRAM FFI 2003

- 1) Eyepiece
- 2) Twist-up eyecup
- 3) Focus dial
- 4) Objective lens
- 5) Lanyard loop



DIAGRAM FFI 2004/FFI 2004T

- 1) Eyepiece
- 2) Twist-up eyecup
- 3) Focus dial
- 4) Tripod mount
- 5) Objective lens
- 6) Lanyard loop



FOCUS ADJUSTMENT

The focus dial allows the Siege Monoculars to deliver a clear, sharp image. To focus the image:

1. Turn the focus dial (3) until the image is focused. Make sure the image is always well focused as this will prevent eye fatigue.



ADJUSTING THE EYECUP

Prior to using the Siege monoculars, it is best to adjust the twist up eyecup to your preference. The twist-up eyecups allow you to properly observe the full field of view of the image without any vignette effect or darkened edges. Even if you wear eyeglasses you can use the Siege monoculars effectively. If you wear glasses, keep the eyecup in the down position. Twist the eyecup to the up position if you do not wear glasses. To twist the eye cups:

1. Rotate the eye cup (2) counter-clockwise to raise the eyecup.
2. Rotate the eye cup clockwise to lower the eyecup.



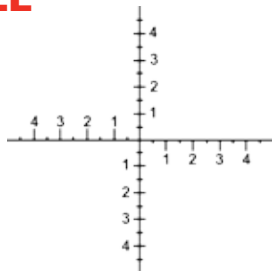
MOUNTING THE TRIPOD

All Firefield Siege monoculars include a tripod that attaches to the built-in tripod mount. The built-in tripod mount also works with most aftermarket tripods and window mounts. The built-in tripod mount can be used with any tripod or window mount that uses a standard 1/4-20 UNC tripod screw. To mount the tripod:

1. Align the tripod's mounting screw with the socket on the bottom of the tripod mount (4).
2. Screw the tripod's mounting screw so that the tripod and the tripod mount are completely connected and firmly secured.

USING THE RANGEFINDING RETICLE

The Firefield Siege 10x50R Tactical Monocular uses a mil reticle. Mil stands for milliradian. A milliradian is 1/6283.2th of a circle, or 3.438 MOA. The milliradian represents 1 unit at 1000 yards. To simplify, a target that is one yard tall at 1000 yards would measure 1 milliradian. Each hashmark in the 10x50's reticle is 5 mils.



Calculation Method

In order to determine distance there are three variables: target size, mils read, and range. In order to determine distance, the target size must be known. By using the reticle to measure target height the following calculation can be used to derive an estimated distance.

Target size (in yards) \times 1000 / Mils read = yards to target

For example, a full size deer is approximately six feet long. Convert feet into yards (3' = 1yd), so the deer is 2 yards long. Now measure the deer with the mil reticle; it is 10 mils long. Next, multiply the target size (2 yards) by the constant of 1000. This equals 2000. Now divide 2000 by mils read (10), this equals 200. So the deer is roughly 200 yards away.

MAINTENANCE

Proper maintenance of the Firefield Siege monoculars is recommended to ensure longevity. It is recommended that when the monocular becomes dirty that it is wiped down with a dry or slightly damp cloth. Blow dirt and debris off all optics and then clean lenses with a lens cleaning cloth. To remove oils or dried water spots, apply a small amount of denature alcohol to a lens cloth or cotton swab. Clean the surface of the lens and let dry. Finally use your breath to clean the lens once more. To protect the monocular store it in the protective padded case when not in use. No further maintenance is required. Do not attempt to disassemble any components of the monocular.

STORAGE

Cover with the objective lens and the eyepiece with the included lens covers. For long-term storage, place the monocular in a cool, dry and ventilated area

WARNING

Before handling the Firefield Siege monocular read and understand the contents of the Firefield manual.

- Avoid hitting or dropping the unit
- NEVER look directly into the sun or at other bright light sources with the monocular as this could damage your eye and cause blindness.

TROUBLESHOOTING

Proper authorization is required before shipping any product back to Firefield. Failure to obtain authorization could result in your product being returned to the wrong address, lost, or damaged. Firefield is not liable for products returned without authorization. The image is blurry and not in focus:

1. Rotate the focus dial until the image becomes clear and sharp.
2. Remove any dust or oil off the objective lens or eyepiece.


FIREFIELD WARRANTY

Please visit **www.fire-field.com** for warranty details and information.

NOTES

NOTES

NOTES



www.fire-field.com