

Vortex is sure you'll be pleased with the versatile performance offered by the compact StrikeFire® Red Dot scope. Allowing rapid, both eyes open use, the StrikeFire is ideally suited for fast action shooting situations with a wide variety of firearms.

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**The Vortex StrikeFire Red Dot Scope**



**StrikeFire Red Dot Scope Specifications**

Waterproof	Yes
Fogproof	Nitrogen gas purging
Shockproof	Yes
Eye Relief	Unlimited
Reticle Dot Size	4 moa
Reticle Dot Color	Red only or Red/Green option
Illumination	Variable 10-position intensity
Parallax	Inside 50 yards, one inch error or less Parallax free past 50 yards
Magnification	1x (2x with add-on magnifier)
Mounting	Single 30 mm ring
Weight	7.2 ounces
Tube Diameter	30 mm
Length	6.1 inches
Objective Lens Diameter	30 mm
Ocular Diameter	25 mm
Battery	CR2 Lithium

**Adjustment Specifications      Included Accessories**

Windage	100 moa	2x Magnifier
Elevation	100 moa	30mm Mounting ring
Per Rotation	25 moa	Hex wrench
Per Click	1/2 moa	

CR2 Battery Average Operating Time		
	Bright Red Dot	
Mode of Operation	Normal	Night Vision
Maximum Brightness	200 hours	6800 hours
Minimum Brightness	5600 hours	8000 hours
Average Time	2100 hours	
	Red/Green Dot	
Mode of Operation	Normal	Night Vision
Maximum Brightness	130/420 hours	7200/7200 hours
Minimum Brightness	4400/4700 hours	7600/8000 hours
Average Time	1600/2000 hours	

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## Riflescope Adjustments

### Powering Up and Changing Dot Color

Install the battery in compartment with (-) end facing the cover. Press the power on/off button to activate the illuminated dot. To turn the unit off, hold the button down for five seconds. If you have purchased the StrikeFire with the red/green option, pushing the button a second time will switch the dot color.

If you forget to turn the StrikeFire off after use, it will automatically shut down in 6 hours.

*This button powers the illuminated dot on and off and allows you to change the dot color on models with the red/green dot option.*



### Battery

To replace the battery, remove the outer cover and drop the battery out. Install a new battery with (-) end facing the cover. When replacing the cover, be sure it is snug and that sealing O-ring is in place.

- Typical battery life depends on dot intensity setting
- Lithium CR2 replacement battery

### Brightness and Color Adjustments

The Vortex StrikeFire red dot sights offer ten variable illumination positions. Dot brightness may be increased or decreased by tapping the appropriate button. Tapping the top button increases brightness. Tapping the lower button decreases brightness.



### Night Vision Device Mode

If you are using a night vision device (not included) with the StrikeFire, pushing the NV button will activate the night vision mode. The Night Vision mode will set the brightness to the lowest possible level—working best with most night vision devices. While in NV mode, the brightness Up/Down knobs will yield two brightness adjustments, if desired.

To de-activate the NV mode and return to the standard daytime mode, simply press the NV button one more time.

- The StrikeFire will automatically return to your previously selected daytime brightness level.
- The StrikeFire will also automatically return to the previously selected brightness level when you return to the NV mode.

## Windage and Elevation Adjustment

The Vortex StrikeFire red dot scope incorporates coin adjustable elevation and windage dials with audible clicks.



To adjust the settings:

1. Remove the covers.
2. Turn the adjustment dial in the appropriate Up/Down, Left/Right direction as indicated by the arrows—moving the dials in the direction you wish the bullets point of impact to change.

*Note: Each small click will move the point of impact 1/2 Minute of Angle (moa). 1/2 moa will correspond to 1/2 inch at 100 yards, 1 inch at 200 yards, 1.5 inch at 300 yards, etc.*

### Example

At a 100 yard sight-in distance, it will take two clicks of the dial to move the bullet's point of impact one inch.

## Magnifier

The StrikeFire red dot sights include a removable 2x magnifier which may be used for longer distance shooting. To attach the magnifier, thread it into the eyepiece end of the scope. Use the focus knob to adjust for sharpest image. No further adjustments are necessary to use.



Focus Knob

## Installation

To get the best results from your Vortex StrikeFire red dot rifle scope, proper mounting is essential. Although not difficult, the correct steps must be followed. *If you are unsure of your abilities, it would be best to use the services of a qualified gunsmith.*

### Mounting the StrikeFire

If your firearm is not already equipped with one, install an appropriate Weaver or Picatinny type base and attach per the manufacturer's instructions. These may be readily purchased from most firearms dealers.

The StrikeFire red dot scopes include a 30mm Weaver or Picatinny style mounting ring. Height will vary depending on the version purchased:

- Extra-high for flat top AR15 rifles (provides an absolute co-witness with iron sights).
- Low ring for most other applications including carry-handle mount AR15 rifles.



Extra-high  
Mounting Ring



Low  
Mounting Ring

*The StrikeFire comes with one of two 30mm mounting ring heights.*

1. Using the included ring, attach the lower saddle part of ring to the rail/base, making sure that it is solidly seated in base groove. To prevent recoil injury, position it so that you have at least four inches of eye relief once the StrikeFire scope is attached.



*Note: Because the StrikeFire has unlimited eye relief, the scope can be mounted further away if desired.*

2. Check that the clamp and saddle are hooked around outside of base, press the saddle down and forward, then tighten the clamp screw firmly.

3. Place the StrikeFire on the ring saddle with the button housing on the left side.

Position cap on top of scope, align screw holes and attach cap screws. Tighten cap screws evenly until all are snug—use caution so as not to over-tighten. Once tight, the scope should have no movement.



*Note: It is a good practice to re-check mounting and base screws regularly to be sure they haven't loosened under field conditions.*

## Sighting in the Rifle

### **Bore Sighting**

After mounting, initial bore sighting of the StrikeFire at 50–100 yards will save time and money at the range. This can be done using a bore sighter according to the manufacturer's instructions, or by removing the bolt on some rifles and visually sighting through the barrel.

#### **To visually bore sight a rifle:**

1. Place the rifle solidly on a rest and remove the bolt.
2. Sight through the bore and center the target inside the barrel.
3. With the bullseye centered in the bore, make windage and elevation adjustments until the illuminated dot is also centered over the bullseye.

### **Final Range Sight-In**

Final sight-in should be done at the range using the exact ammunition you expect to hunt or shoot with:

1. After the StrikeFire has been bore sighted, fire a shot or two at your desired zero distance (commonly 100 yards) to check that you're roughly on target. *If necessary, adjust the dot to put you near the center of the target (see section on Windage and Elevation Adjustment).*
2. Fire a three shot group as precisely as possible.
3. Using the center of this group as a reference, make any necessary adjustments for windage and elevation correction. Adjust the dials in the direction you wish the group to move.
4. Fire a final three shot group to confirm proper adjustment. Repeat as necessary.

## Shooting the StrikeFire

The key thing to remember when shooting with the StrikeFire red dot scope is to keep both your eyes open! Shooting with both eyes open allows you to take full advantage of the StrikeFire's ability to get on target very quickly.

*Note: When using the add-on magnifier for distance shooting, you may find it easier to shoot with one eye closed due to the increased magnification.*

The StrikeFire is parallax free beyond 50 yards and has less than 1 inch of parallax inside of 50 yards. This means that eye placement is not critical—as long as you can see the dot, you'll hit your target!

## Maintenance

### **Cleaning**

The Vortex StrikeFire requires very little routine maintenance other than to periodically clean the exterior lenses. The exterior of the scope may be cleaned by wiping with a soft, dry cloth.

When cleaning the lenses, be sure to use products that are specifically designed for use on coated optical lenses such as the Vortex Lens Pen and FogFree Cleaning Kits.

- Be sure to blow away any dust or grit on the lenses prior to wiping the surfaces.
- Using your breath, or a very small amount of water or pure alcohol, can help remove stubborn things like dried water spots.

### **Lubrication**

All components are permanently lubricated, so no additional lubricant should be applied.

*Note: Do not attempt to disassemble any components of the scope.*

### **Storage**

Keep lens covers closed to protect the scope when not in use. Remove the battery when putting in storage for extended periods.

- Avoid storage in direct sunlight or in any very hot location.
- Storage and use in extreme cold will shorten battery life.

## Troubleshooting

Please check the following before returning a scope for service:

### **If the red dot does not illuminate**

- Is the battery dead? Replace.
- Is the battery installed correctly? Be sure the battery is oriented with (-) facing the cap.
- Is the battery cover loose? Be sure cover is snug and contact points are clean.

Many times, problems thought to be with the scope are actually mount problems. Be sure the base is tight on the rifle and that the mount ring is tight and fully engaged on base. *You should not be able to twist or move the scope in any way.*



## Vortex Service and Repair Policy

### **Vortex Lifetime Limited Warranty**

Vortex Optics offers a lifetime limited warranty against manufacturer defects in materials and workmanship for the life of the product. Rest assured, if the StrikeFire red dot scope should ever require repair, all you need to do is contact Vortex for service. Call 800-426-0048 or e-mail [service@vortexoptics.com](mailto:service@vortexoptics.com).



Vortex Optics  
2120 West Greenview Drive  
Middleton, Wisconsin 53562  
USA

### **Customers in Canada**

E-mail [service@vortexcanada.net](mailto:service@vortexcanada.net)  
Vortex Optics Canada  
45 Airpark Place, Unit #5  
Guelph, ON  
N1L 1B2

SF-11A