The Vortex StrikeFire® Red Dot Sight

The Vortex StrikeFire® allows you to get on target fast and shoot with both eyes open for optimum performance in fast-shooting, close-range situations. Mounted on an AR-15, shotgun, muzzleloader or pistol, the highly versatile StrikeFire delivers down-range reliability you can depend on.

Dual Use: Shooting Tactical / Hunting
US Patent D616,986S
## StrikeFire Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waterproof</td>
<td>Yes</td>
</tr>
<tr>
<td>Fogproof</td>
<td>Nitrogen gas purging</td>
</tr>
<tr>
<td>Shockproof</td>
<td>Yes</td>
</tr>
<tr>
<td>Eye Relief</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Dot Size</td>
<td>4 MOA</td>
</tr>
<tr>
<td>Dot Color</td>
<td>Red/Green or Bright Red</td>
</tr>
<tr>
<td>Illumination</td>
<td>Variable 10-position intensity</td>
</tr>
<tr>
<td></td>
<td>Night vision compatible mode</td>
</tr>
<tr>
<td>Parallax</td>
<td>Parallax free past 50 yards</td>
</tr>
<tr>
<td>Tube Diameter</td>
<td>30 mm</td>
</tr>
<tr>
<td>Mounting Ring</td>
<td>Single 30 mm ring</td>
</tr>
<tr>
<td>Magnification</td>
<td>1x</td>
</tr>
<tr>
<td></td>
<td>2x with included magnifier</td>
</tr>
<tr>
<td>Weight</td>
<td>7.2 ounces (without base)</td>
</tr>
<tr>
<td>Length</td>
<td>6.1 inches</td>
</tr>
<tr>
<td>Objective Diameter</td>
<td>30 mm</td>
</tr>
<tr>
<td>Ocular Diameter</td>
<td>25 mm</td>
</tr>
</tbody>
</table>

### Adjustment Specifications

<table>
<thead>
<tr>
<th>Adjustment</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windage</td>
<td>100 MOA</td>
</tr>
<tr>
<td>Elevation</td>
<td>100 MOA</td>
</tr>
<tr>
<td>Per Rotation</td>
<td>25 MOA</td>
</tr>
<tr>
<td>Per Click</td>
<td>1/2 MOA</td>
</tr>
</tbody>
</table>

**Included Accessories**
- 2x Magnifier
- 30 mm Mounting Ring
- CR2 Lithium Battery
- Hex wrench

**Available Accessories**
- 3x Magnifier
- ARD filter

---

## Red Dot Adjustments

### Battery Installation

Remove the battery compartment cover. Orient the CR2 battery so the negative end faces outward, then replace the cover. When replacing the cover, be sure it is fully screwed down and that the o-ring seal is in place.

**Note:** The typical life of the CR2 battery depends on dot intensity setting.

### Red/Green Dot Option Average Operating Time

<table>
<thead>
<tr>
<th>Mode of Operation</th>
<th>Normal</th>
<th>Night Vision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Brightness</td>
<td>130/420 hours</td>
<td>7200/7200 hours</td>
</tr>
<tr>
<td>Minimum Brightness</td>
<td>4400/4700 hours</td>
<td>7600/8000 hours</td>
</tr>
</tbody>
</table>

**Note:** 1600/2000 hour average operating time

### Bright Red Dot Average Operating Time

<table>
<thead>
<tr>
<th>Mode of Operation</th>
<th>Normal</th>
<th>Night Vision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Brightness</td>
<td>200 hours</td>
<td>6800 hours</td>
</tr>
<tr>
<td>Minimum Brightness</td>
<td>5600 hours</td>
<td>8000 hours</td>
</tr>
</tbody>
</table>

**Note:** 2100 hour average operating time

### Powering Up and Changing the Dot Color

To activate the illuminated dot press and release the Power button. If your StrikeFire has the Red/Green dot option, press the button a second time to switch the dot color. Note that while in night vision compatible mode, the illuminated dot will not be visible unless a night vision device is being used (see details on page 7).

To deactivate the illuminated dot, press and hold the Power button for five seconds.

**Note:** If you forget to turn the StrikeFire off after use, it will automatically shut down in six hours.

Press Power button to turn illuminated dot on and off.
Brightness Adjustments

The Vortex StrikeFire red dot sight offers ten variable illumination positions. Dot brightness may be increased or decreased by using the appropriate button:

- Tapping the top button increases brightness.
- Tapping the lower button decreases brightness.

Using the StrikeFire with a Night Vision Device

If you are using the StrikeFire with a night vision device (not included), pressing the NV mode button will activate the night vision compatible mode. To deactivate the night vision mode and return to the standard daytime mode, simply press the NV mode button one more time.

- The StrikeFire automatically returns to your previously selected daytime brightness level.

Activating the night vision compatibility mode will automatically set the dot brightness to the lowest level, which is necessary when using the StrikeFire with a night vision device. While in this mode, the Brightness Up / Brightness Down buttons will yield two brightness levels.

- The StrikeFire automatically returns to the previously selected brightness level when you return to the night vision compatible mode.

Note: While in night vision compatible mode, the dot will not be visible unless a night vision device is being used.
Windage and Elevation Adjustments

The Vortex StrikeFire red dot incorporates elevation and windage dials with audible clicks. 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 1/2 inches at 300 yards, etc.

Adjusting the settings

You may use a coin or screwdriver to make your adjustments.

1. Remove the dial covers.
2. Turn the adjustment dial in the appropriate Up/Down or Left/Right direction as indicated by the arrows. Move the dials in the direction you wish the bullet’s point of impact to change.

Example

At a 50 yard sight-in distance, it will take four clicks of the dial to move the bullet’s point of impact one inch.

Using 2x Magnifier

The StrikeFire includes a removable 2x magnifier for shooting longer distances. Thread the magnifier into the eyepiece end of the scope and use the focus dial to adjust for the sharpest image. No further adjustments are necessary to use.

Mounting the StrikeFire

To get the best results from your Vortex StrikeFire red dot, 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.

If your firearm is not already equipped with a base, 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 includes a 30 mm Weaver or Picatinny style mounting ring. The mounted height will vary depending on which model of the StrikeFire you have purchased:

- **AR-15 Model**: Extra-high mounting ring (40 mm) provides lower 1/3 co-witness with iron sights on flat top AR-15 rifles.
- **Hunt Model**: Low mounting ring (21 mm) works for most other applications including carry-handle mount AR-15 rifles.

The StrikeFire comes with one of two 30 mm mounting ring heights.
**Attaching the Mounting Ring**

1. Using the included mounting 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.

**Recommended Torque**
- Base Clamp Hex Nut 35–45 in/lbs
- Ring Screw 15–20 in/lbs

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

---

**Sighting In**

**Bore Sighting**

After mounting, an initial bore sighting of the StrikeFire at short range (25–50 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 to check that you’re roughly on target. If necessary, adjust the dot to put you near the center of the target (see Windage and Elevation Adjustment on page 8).
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. Using arrows for reference, adjust 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 WITH THE STRIKEFIRE

The key thing to remember when shooting with the StrikeFire red dot 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 red dot 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 red dot.

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 “–” lettering facing the cover.
• Is the battery cover loose? Be sure cover is snug and contact points are clean.
• Is the StrikeFire in night vision compatible mode? Press the NV mode button to return to standard daytime mode.

If the red dot is not accurate:
Be sure all mount screws are tight. You should not be able to twist or move the StrikeFire in any direction. Many times, problems thought to be with the scope are actually mount problems.

Note: For any issues not listed above, please view our online Troubleshooting Guide at http://www.vortexoptics.com/content/troubleshooting.
The VIP Warranty

We build optics based on our commitment to your absolute satisfaction. That’s why Vortex products are unconditionally guaranteed and we make this Very Important Promise to you—a Very Important Person.

Rest assured that in the event your StrikeFire becomes damaged or defective, Vortex Optics will repair or replace the red dot at no charge to you. Call Vortex Optics at 800-426-0048 for prompt, professional, and friendly service.

Vortex Optics
2120 West Greenview Drive
Middleton, WI 53562

service@vortexoptics.com

Visit www.vortexoptics.com for more information. Canadian customers may visit www.vortexcanada.net for customer service information.

Note: The VIP warranty does not cover theft, loss, or deliberate damage to the product.