



SCORPION
OUTDOOR PRODUCTS

DIGITAL MANUAL



Your complete guide to Scorpion Outdoors gear, features, care and performance. Explore. Learn. Get the most out of your gear.

306 Ultra RED DOT



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MISSION STATEMENT

“We are obsessed with delivering superior quality, service and value in all our products. We are committed to serving the shooting community across all channels.”



FEATURES

- Advanced Rapid Pulse Technology Emitter.
- HD Multi Coated Lens Coating.
- Parallax Free and Unlimited Eye Relief.
- Shake Awake with auto off after 4 min.
- 7075 Aluminium Frame with Type 3 Anodized Matte Finish
- Precision construction, assembled and calibrated in a static free clean room for superior reliability.
- IP67 Certified waterproof, dust proof and shock tested to 1500g's of force.
- Operating Temp -30C to +60C.





MOUNTING

To achieve the best performance from your firearm and your Scorpion Red Dot Sight, your Red Dot Sight must be mounted properly. If you are unfamiliar with proper procedures to mount a scope, we highly recommend having the scope mounted by a qualified gunsmith.

The RGD306Ultra Red Dot RMR footprint also comes with a mount that works with most of standard picatinny rails. Please note that the center heights of different sights are different and refer to below table for details.



EYE RELIEF

1. The Red Dot Sights have unlimited eye relief which means you can mount the sight at any distance from your eye as long as you feel comfortable and have the desired field of view you require. You certainly do not want to mount it at too close to your eye as you want to be sure that the distance between the sight and your eye is far enough to prevent any potential injury caused by recoil from your firearm.
2. Once you find the position, just tighten the mount on the base or rail on top of your firearm.



SIGHTING IN

Sighting In of a red dot on a firearm is mostly started at a range of 25 yards. This is easier than trying to sight at 50 yards and will get you on the paper at that distance, so to save time and money at the shooting range. We highly recommend using a stable shooting rest when Sighting In.



ZEROING THE SIGHT

1. Ideally set the firearm on a two or three holding point gun rest, and then fire three rounds at a target 50 yards away. Observe the bullet holes on the target and calculate how far those bullet holes are off the center of the target, and then adjust windage and elevation knobs by using the wrench provided to move the center of reticle up, down, left or right. Fire another three rounds, then observe and adjust. Repeat this step as necessary until the three round bullet holes are perfectly aligned with the center of the target.

2. For sighting in a pistol, we recommend this process is started at 15 yards. Setting the Windage and Elevation turrets of the RGD306ULTRA Red Dot Sight by using the supplied tool. Once the firearm has been sighted in, simply put the turret caps back on. Your zero position should be locked and ready for your target at any time.

The RGD306ULTRA Red Dot Sights has a 1 MOA click value for elevation and windage adjustment. MOA, a unit of angular measurement, is defined as a minute of angle, a minute is a 1/60th of one degree and 1/21600th of a circle. One MOA equals 1.047 - inch (rounded down to one inch) at 100 yards, two inches at 200 yards and to ten inches at 1000 yards. 1 MOA per click takes 1 click to move point of impact one inch at 100 yards.



RETICLES



The RGD306ULTRA Red Dot Sight has a fixed 1x magnification. The 3 MOA multi red dot that is designed for short range quick target engagements.

ILLUMINATION

The illumination button is set on the side of the scope chassis. The RGD306ULTRA has 10 illumination settings 8 daytime and 2 night vision. Press the up button to turn the unit ON. Press and hold the down button for 3 seconds to turn it OFF. The unit goes into sleep mode for any 4 minutes without motion and then turns back on when a motion is detected. The motion detector is only working when the unit is powered ON.

The illumination for RGD306ULTRA is powered by a lithium CR1632 3V battery. Remove the battery chamber cap by turning it counter-clockwise and then set the battery with the positive (+) side facing up. Reinstall the cap by turning it clockwise, **DO NOT OVER TIGHTEN.**



MAINTENANCE

Disassembling or cleaning the sight internally will void the warranty. If the sight requires repairs, please refer to the warranty section for complete instructions.

The external optical surfaces should occasionally be wiped clean. Use the lens cloth provided or an optical quality lens paper to wipe out dust or dirt on the external lens surface.

If large sand particles or heavy dirt contamination is observed, remove using soft brush or by blowing them away. Apply lens cleaning liquid before wiping off. Always keep the protective lens covers in place when the scope is not in use to avoid dust collecting on the surface of the lenses. Store the unit in a low-humidity environment.



WARRANTY & SUPPORT



You need to be able to trust that your optics will perform as you expect it to. When you buy Scorpion products, you're not just buying a riflescope, or a range finder, you're buying a tool.

A tool you know that you can depend on to get the job done. That's why here at Scorpion Optics we're proud to stand behind our products to provide you with the best possible service because you work hard, and we believe your optics should too.

*Notice: Does not cover loss, theft, deliberate damage, removal or serial number, unauthorized repair or modifications disassembly, misuse, normal wear and tear, scratched lens determined as non-manufacturer defect, abuse, or cosmetic damage that does not hinder the performance of the optic.

Learn more at www.Scorpionoutdoors.com info@scorpionoutdoors.com • 1-866-225-6774



WARRANTY & SUPPORT

LENS CARE

Maintain the optical brilliance of your binocular by keeping lens surfaces free of dirt, oils, and dust.

PROTECT LENSES WHILE OUT IN THE FIELD

Make use of the provided eyepiece and tethered objective lens covers to protect the lenses when not viewing. If the optics are exposed to moisture, keep the caps off and allow the optics to dry out completely before putting them in the case for storage.