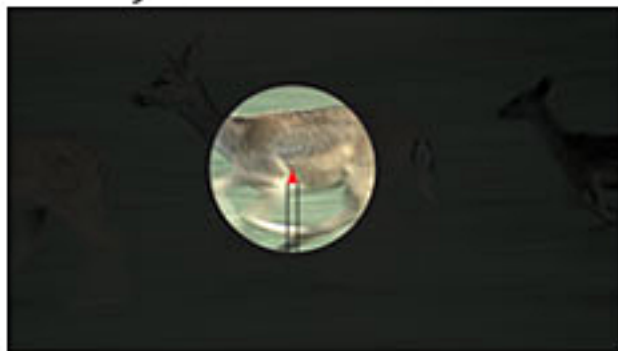


> BAC (BINDON AIMING CONCEPT)

The BAC allows the shooter to track and engage targets faster. By utilizing an illuminated aiming point, instead of a traditional black crosshairs, it becomes very easy when making dynamic movements with both eyes open. Vision naturally focuses on the unmagnified view (because with the motion the magnified view blurs), while still perceiving the illuminated aiming point. As soon as the weapon begins to become steady in the target area, the brain switches to the magnified view along with the aiming point. It takes practice but when mastered the BAC yields great results.



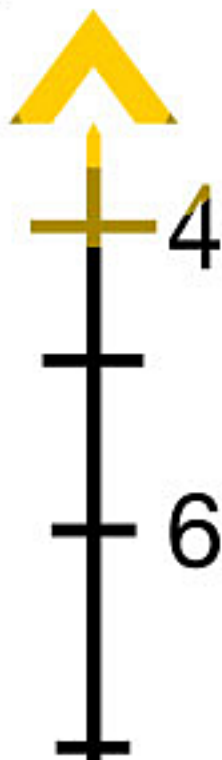
> BATTERY-FREE ILLUMINATION

Trijicon combines world class optics and tritium to create illuminated reticles that glow day and night without the need for batteries. The fiber optics automatically adjust the brightness level and contrast of the reticle to available light conditions. The tritium-phosphor lamp glows in low-light conditions.



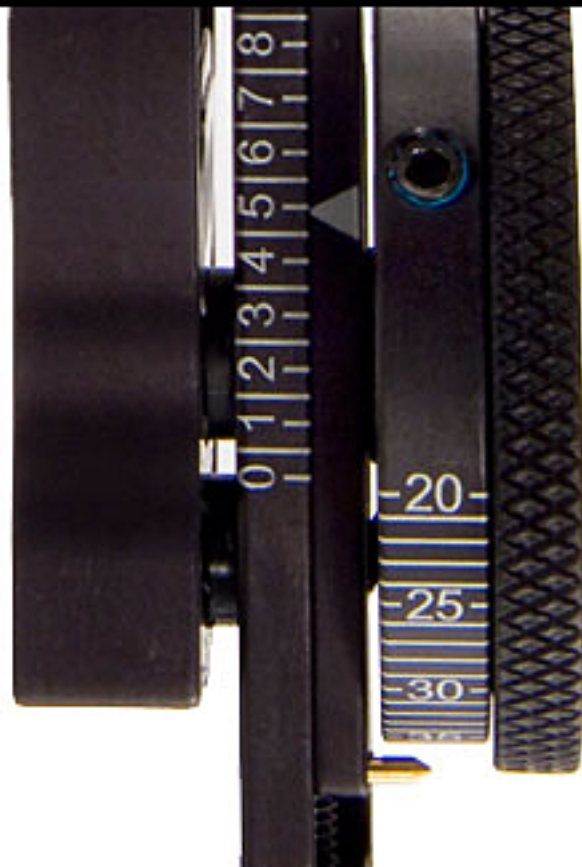
> BDC (BULLET DROP COMPENSATION)

Several Trijicon riflescope models feature a reticle pattern that have bullet drop compensation, designed to compensate for the effect of gravity on the trajectory of the bullet from distances between 100-1800 meters (depending on the model) without making mechanical adjustments to the sight. Each Trijicon optic that features a BDC reticle is calibrated for a specific bullet round (such as a 5.56x45mm NATO, 7.62x51 NATO or 6.8mm Remington SPC). When zeroed properly, the sight is ready for aim at a multitude of distances without having to make another adjustment.



> BOWSYNC™

BowSync is a technology which allows the AccuDial ranging adjustments to “synchronize” your bow/arrow speed combination after a few simple fine tuning steps. This means that once the sight setting is found, your AccuDial™ allows you to range from 0 to 80+ yards (in 1 yard increments) with a simple turn of the knob.



> BRIGHTNESS OVERRIDE

Allows users to set reticle brightness to their specific preference. This manual adjustment is made by rotating the fiber optic housing cover to shade the fluorescent fiber optic material. Reticle is brightest when the cover is in full open position.



> DUAL-ILLUMINATION

Dual-illumination refers to optics with illuminated reticles that feature two sources of battery-free illumination, tritium and fiber optics. The fiber optics automatically adjust the brightness level and contrast of the reticle to available light conditions. The tritium-phosphor lamp glows in low light conditions.



> FIBER OPTICS

A fiber optic is a thin, transparent, flexible fiber that is used to transmit light. The fiber optic collects available light and concentrates the light at the end of the fiber which illuminates the reticle. This automatically balances aiming point brightness with shooting conditions allowing the Bindon Aiming Concept (BAC) to function.



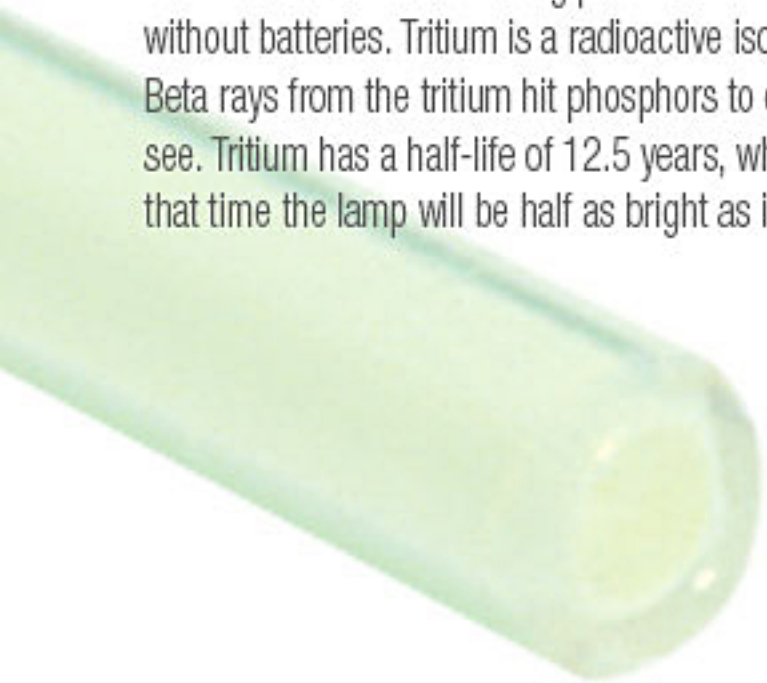
> SAPPHIRE CAPS

Trijicon Bright & Tough™ Night Sights and HD™ Night Sights feature a patented aluminum cylinder and sapphire lens construction aiding in the durability of the sight. The brightness obtained from the tritium content is focused through the sapphire lens to give the maximum possible illumination. The Trijicon TrijiDot® also features a sapphire jewel helping to evenly distribute the light collected from the fiber optic.



> TRITIUM

Tritium illuminates the aiming point in low light conditions without batteries. Tritium is a radioactive isotope of hydrogen. Beta rays from the tritium hit phosphors to create the glow you see. Tritium has a half-life of 12.5 years, which means that in that time the lamp will be half as bright as it was originally.



> TARGET REFERENCE SYSTEM (TRS)

Allows quick and accurate reference to a target's location and is easily communicated when referring to the target in accordance with the vertical tick marks coming from the horizontal lines to the left and right of the reticle.

