



FEATURES

SUPERIOR FOR PREDATOR CONTROL AT MEDIUM- AND LONG-RANGE DISTANCES

EXCELLENT PERFORMER IN HIGH HUMIDITY CONDITIONS

PICTURE-IN-PICTURE FUNCTION- 2X MULTIPLIED IMAGE ON A TOP OF THE DISPLAY

AUTOMATIC SHATTER BASED THERMAL VOX CORE WITH AUTO- OR MANUAL CALIBRATION

SWITCHABLE IMAGE POLARITY: WHITE HOT / BLACK HOT / RED HOT / COLORED HOT

8 RETICLE PATTERNS INCLUDING 3 BDC RETICLES

4 COLOR OPTIONS FOR EACH RETICLE PATTERN

PRECISE W/E ADJUSTMENT INCREMENTS IS 0.54" AT 1X (NATIVE MAGNIFICATION) AND JUST 0.14" AT 4X MULTIPLIED IMAGE FOR BE46050L MODEL

MANUAL CONTROL OF THE IMAGE SHARPNESS AND SCREEN BRIGHTNESS

MANUAL CONTROL OF THE CONTRAST

MANUAL CONTROL OF THE IMAGE BACKGROUND BALANCE OF WHITE (COOL OR WARM)

ABILITY TO SAVE 4 PROFILES OF ZEROING CALIBRATION DATA

STRADIAMETRIC RANGEFINDER FUNCTION TO ESTIMATE THE DISTANCE TO THE TARGETS; MANUALLY ADJUSTABLE TARGET'S HEIGHT

A PRECISE LENS FOCUSING MECHANISM

5V DC EXTERNAL POWER SUPPLY OPTION VIA A TYPE-C USB PORT

BLIND PIXEL REPAIR TOOL

STANDBY MODE

DIGITAL COMPASS

INCLINOMETER

BATTERY STATUS INDICATOR

NITROGEN PURGED

VIDEO OUT

32GB INTERNAL MEMORY

BUILT-IN INTERNAL RECORDING FUNCTION IN .MP4 (VIDEO) AND .JPEG (IMAGE) FORMATS





WI-FI CAPABLE- ALLOWS MEDIA RECORDING TO THE MOBILE DEVICE (IOS OR ANDROID APP IS REQUIRED)

QUICK-DETACH (QD) PICATINNY MOUNT (BE46035)

LARUE TACTICAL® QUICK-DETACH (QD) LOCKABLE MOUNT (BE46035L/BE46050L)

4 YEARS WARRANTY ON PARTS AND LABOR

SPECIFICATIONS

Product Modification	SUPER YOTER R			
Product SKU #	BE46035 / BE46035L		BE46050L	
Optical Magnification, x	2.0x		3.0x	
Digital Multiplication, X	2X, 3X, 4X			
Objective lens system	35mmF/1.0		50mmF/1.0	
Angular FOV at 1.0x (horizontal x vertical), degree	11° x 8°		8.5° x 6.4°	
Eye relief, mm	46.6			
Focus range, m	1 to infinity			
Diopter Adjustment, D	-5: +5			
Reticle W/E increment value per pxl at a distance of 100m (110yds)	0.96" at 1X (2.0x magnification)		0.54" at 1X (3.0x magnification)	
Core resolution, pxl	640x480			
Pixel pitch, μ m	12			
Image refresh rate, Hz	50			
Thermal Sensitivity (NETD), mK	< 40			
Display type and resolution, pxl	OLED 1024x768			
Start-up time, typical, sec.	20			
Object type and size, approx., ft^2 / m^2	 7.5 / 0.7	 5.5 / 0.5	 7.5 / 0.7	 5.5 / 0.5
Detection, approx., yds / m	1100 / 1000	750 / 690	1650 / 1500	1200 / 1100
Recognition, approx., yds / m	440 / 400	320 / 290	660 / 600	480 / 440
Dimensions with QR mount, approx., in / mm	7.8x2.83x2.36 / 200x72x60		8.46x3.15x2.36 / 215x80x60	
Weight w/out batteries, approx., oz / g	18 / 510		20 / 570	
Power supply standard	3V CR123 (two) or 3.7V rechargeable 16650 (two) or 5V DC USB C-type			
Estimated battery life with two Lithium 3V CR123, hour	3.5			
Operating temperature, typical, °F / °C	-14° to +122° / -25° to +50°			
Water intrusion	IP66			
Humidity, %	up to 96%			

PRODUCT OVERVIEW

The Bering Optics SUPER YOTER R™ Thermal Weapon Sight features the advanced 12 μ m Vanadium Oxide (VOx) 640x480 core resolution with 50Hz refresh rate that makes the scope ideal for predator control at medium- and long-range distances. This Thermal Scope has two modifications with native magnification of 3.0x (BE46050L) and 2.0x (BE46035/BE46035L) with digital zoom of 2X, 3X, 4X. The wide range of controls and capabilities allow the user to adapt the scope to various conditions and personal preferences. There are 8 reticle patterns including 3 BDC reticles, along with four color options for each reticle pattern. The sight operation is controlled with three buttons allowing easy selection of the options.

A unique adjustable Stradiametric Rangefinder can be set to the height of the animals, thus increasing the overall usefulness of this feature. Other useful features of the SUPER YOTER R™ is a wide selection of the image adjustment options as well as the image background adjustment and calibration.

The SUPER YOTER R™ is nitrogen-purged, is water-, dust- and shock-proof and shock-rated for .338 Win Mag., 30-06 Spring Mag. The SUPER YOTER R™ is action ready in any environment or light conditions, including conditions when the environmental obscurants such as smoke, dust, haze, are present.

KIT INCLUDES

SUPER YOTER R™ 640x480 Thermal Weapon Sight

Quick-Detach (QD) mount

Front lens protective cap

Rubber eye guard

2 CR123 batteries

Type-C USB cable

Soft Carrying Case with a shoulder strap

Lens Cleaning Cloth

