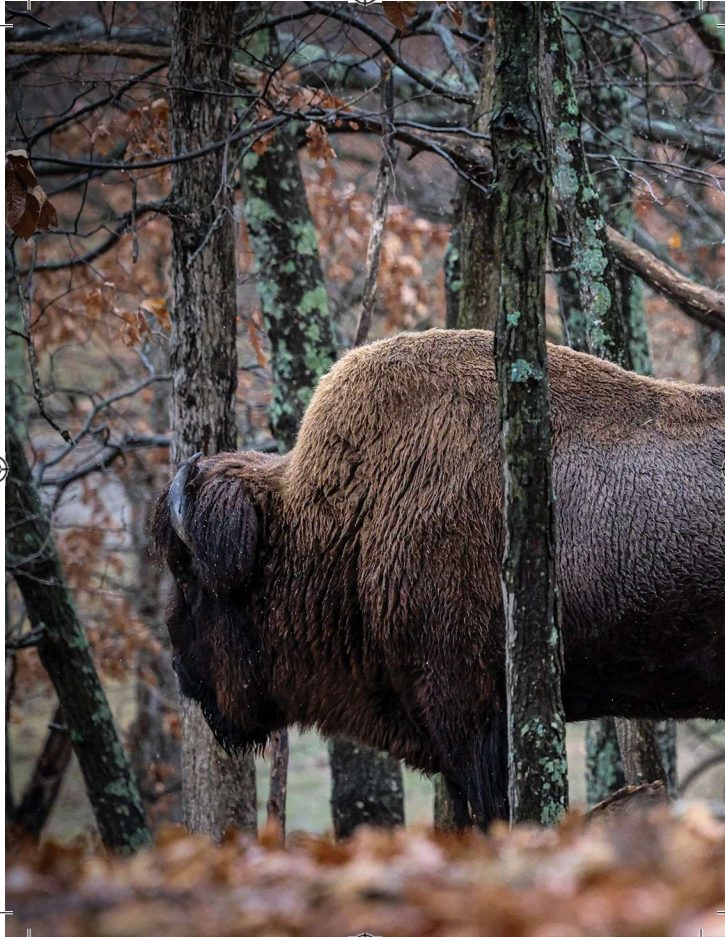
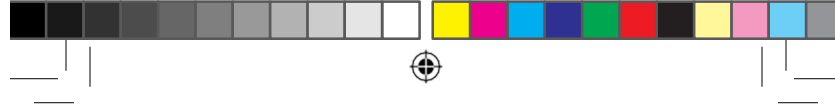


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Rangefinder

Congratulations on your purchase of a **Winchester® Supreme®** optic! This manual contains information regarding operating and maintaining the Winchester Supreme Laser Rangefinder. Your Laser Rangefinder is made for a lifetime of performance and pride of ownership.

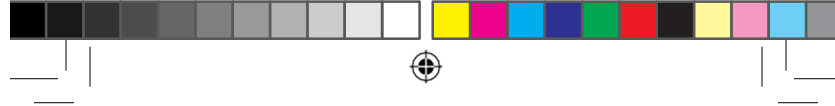


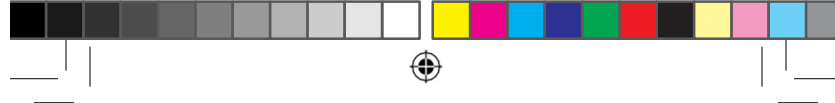
Images are for representation only.
Product may vary slightly from what is shown.



Winchester® Supreme® Laser Rangefinder Specifications

WINCHESTER® SUPREME® LASER RANGEFINDER	7x24
MAGNIFICATION	7X
OBJECTIVE LENS DIAMETER	24 mm
MINIMUM RANGE	5 Y
MAX REFLECTIVE RANGE	3000 Y
RANGE (BUILDING)	2500 Y
RANGE (TREE)	2100 Y
RANGE (DEER)	1500 Y
BATTERY TYPE	CR2
MATERIAL	Plastic body + Rubber cover
DISPLAY	RED OLED, 7 Brightness Settings
TARGETING MODES	Normal, First, Last
RANGING MODES	HCD, LOS
INCLINOMETER	± 89°
SIZE	4.49"x1.47"x2.98"
WEIGHT	6.17 oz with battery
EYE RELIEF	14 mm
ANGULAR FIELD OF VIEW	6.5°
LINEAR FIELD OF VIEW	114 m @ 1000 m, 114 y @ 1000 y
INCLUDES	Wrist strap lanyard, padded carrying case, lens cleaning cloth, and one CR2 battery.





Basic Operation

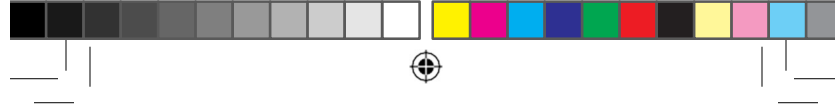
To install a new battery, remove the battery cap and remove the old battery. Install a new CR2 3V battery with the positive end facing out. Replace battery cap and ensure it is tightly closed.



Power On

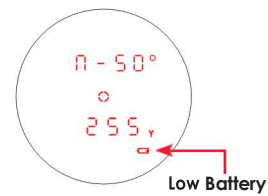
With battery installed, your Winchester Supreme Laser Rangefinder is ready to use. To power up your rangefinder, press and release the "Ranging" button. The HCD or LOS ranging screen will show on the display.

Note: While in menu mode, your Winchester Supreme Laser Rangefinder will automatically shut off after 10 seconds if no button is pressed.



Low Battery Icon

The Low Battery icon will be displayed when battery power has 25% left and will stay on until power runs out.



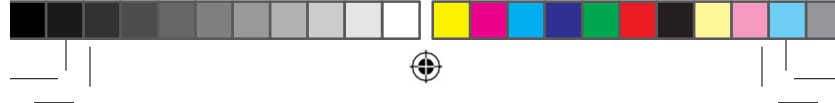
Focus

Adjust the eyecup until the image is sharpest for your eye. Note the setting for easy confirmation of setting.



Mode Selection

Your Winchester Supreme LRF is factory set to the angle compensating HCD range mode, Normal target mode, brightness level 3, default automatic shut off after 20 seconds, and display in yards.



To Change Modes

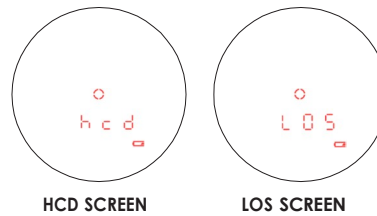
When powered on, activate the Mode/Display Selection by pressing and holding the "Menu" button for at least three seconds.

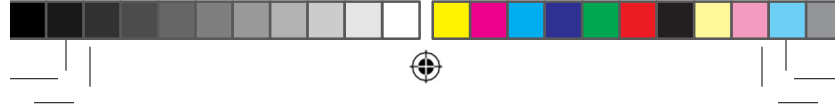
Use the "Menu" button to activate the Mode Selection displays. Use the "Menu" button to toggle through each Mode Selection option. You may exit Mode Selection at any time and save your settings by pressing and holding the "Menu" button for at



SET AND SAVE MODE SELECTIONS

After activating the Mode/Display Selection, press the "Menu" button to toggle between the settings displays. Press the "Range" button to toggle between HCD and LOS settings. Press the "Menu" button to save your desired choice.

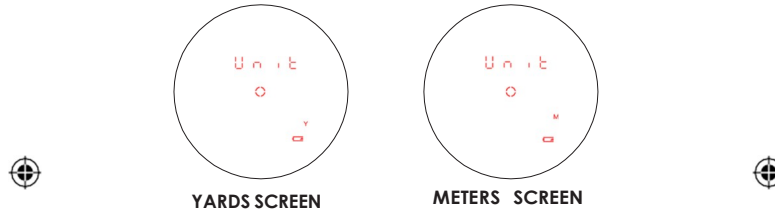




Range Selection

Choose Between Yards and Meters

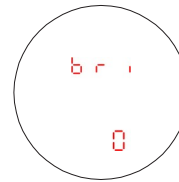
Press the "Range" button to toggle between the Yards and Meters display. Press the "Menu" button to save your desired choice and move to the Brightness selection screen.



Brightness Selection

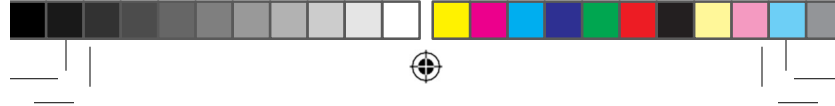
Choose between Seven Brightness Settings

Your Winchester Supreme LRF has seven illumination settings (0-6.) Press the "Range" button to toggle through the seven brightness settings. Press the



BRIGHTNESS SCREEN

10

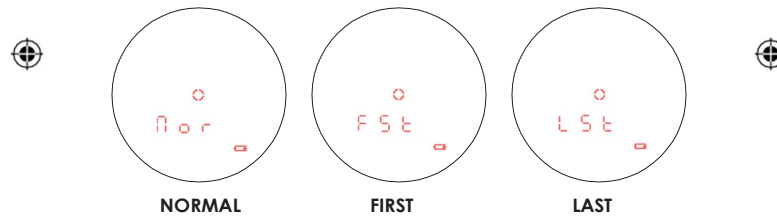


"Menu" button to save your desired setting and move back to the Range Mode setting.

To exit Mode/Display Selection and save settings, press and hold the "Menu" button for at least 3 seconds. Settings are also saved when unit powers down automatically.

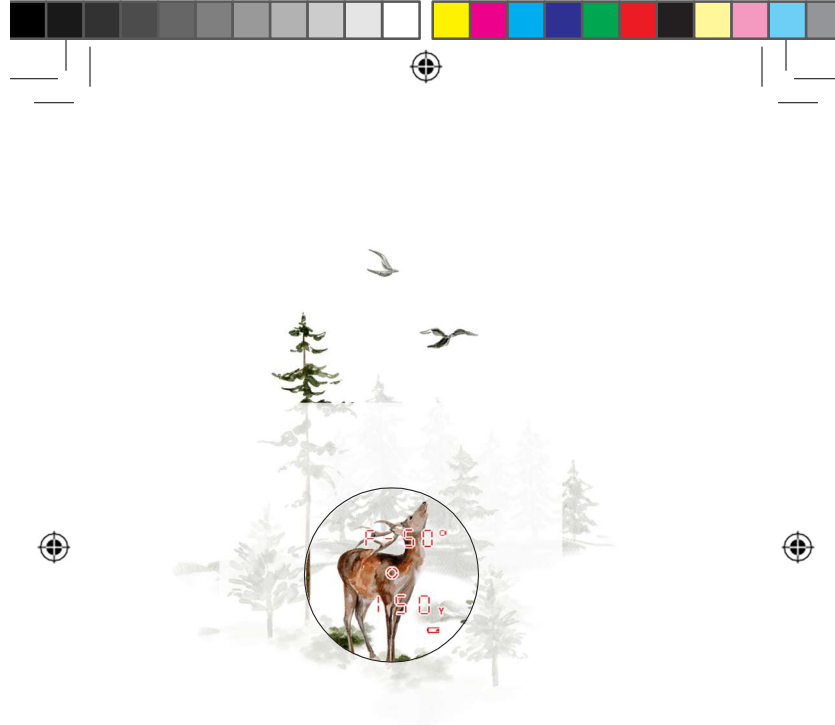
Targeting Mode Explanations

Your Winchester Supreme LRF provides three target modes: Normal Mode, First Mode, and Last Mode.



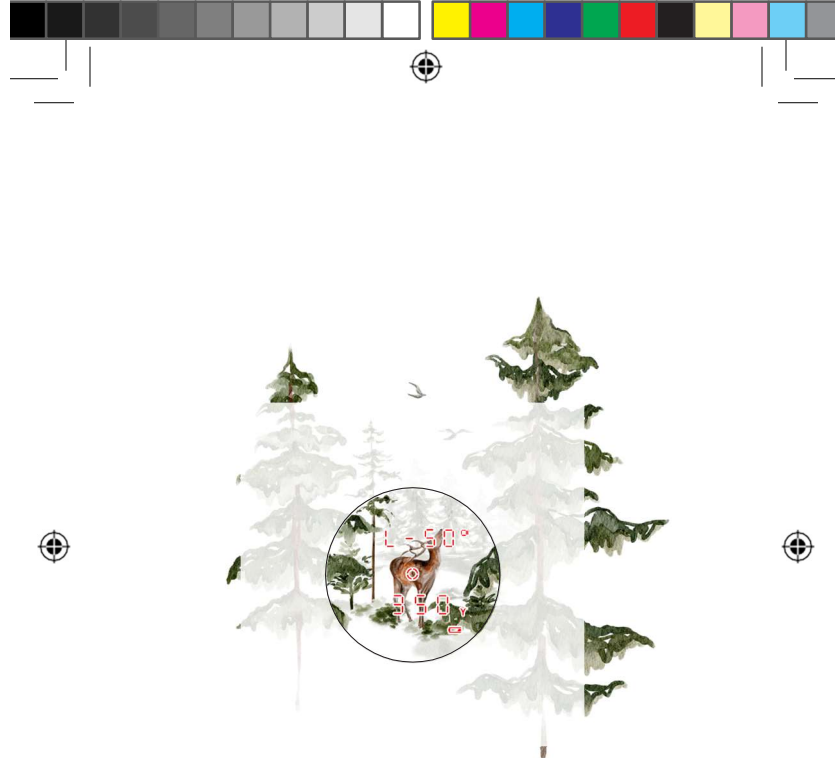
Normal Mode

Your Winchester Supreme LRF comes preset to Normal target mode. This is the ideal setting for the widest range of situations.



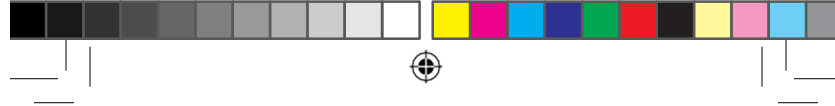
First Mode

This mode shows the closest distance first when ranging. This provides accuracy when ranging smaller targets in front of larger targets, or a darker target in front of a brighter target.



Last Mode

This mode displays the farthest distance when ranging. This is ideal when closer obstacles like branches, brush, and outcroppings can be ignored.



Setting And Using Target Modes

When powered on, cycle through target modes by pressing and releasing the "Ranging" button. Once a target mode is selected, press the "Menu" button to activate the target mode.

When in Normal Mode, "n" will show on the display. When "Measure" is pressed, the LRF remains in Normal Mode. If powered down in Normal Mode, the unit powers back on also in Normal Mode.

For First and Last Mode, the "F" and "L" will always be displayed, indicating what target mode you are in. Range measurements will display when the "Ranging" button is pressed and released.



Ranging Modes Explanations

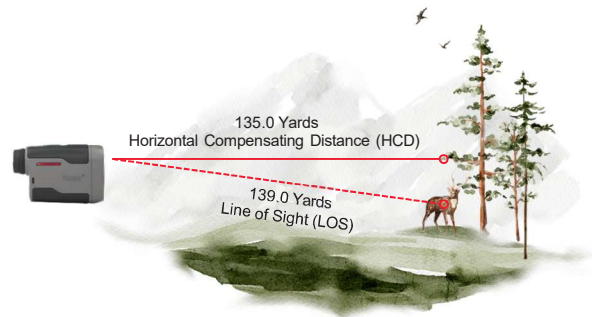
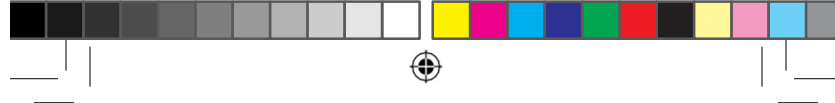


Your Winchester Supreme LRF provides two ranging modes. Horizontal Compensating Distance (HCD) and Line of Sight (LOS). A scanning feature is available in both modes.

Horizontal Compensating Distance (HCD) Mode

HCD is the normal mode of operation. It is used for most rifle and archery applications. Trajectory is greatly dependent on horizontal distance, which sometimes can be quite longer than actual distance, resulting in errors in trajectory and point of impact.





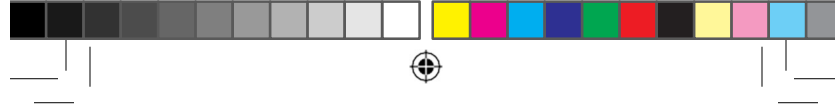
Using the Horizontal Compensating Distance (HCD) Mode



Keep your Winchester Supreme LRF in HCD mode for the following opportunities:

- » Firearm shooting on ground at any distance.
- » Firearm shooting on ground with mild slopes of less than 15 degrees.
- » All shorter range (Under 300 yards) shooting with moderate slopes up to 30 degrees.
- » All archery use.





In HCD mode the range displayed is the range that should be used for trajectory input. Bullet drop will be correct when using the number displayed. No other range correction is required.

Line of Sight (LOS) Mode

LOS mode is most useful for shooters who are using ballistic cell phone applications or other devices with ballistic programs and who shoot at long distances beyond 500 yards and with moderate slopes.

The range number displayed in LOS mode is the actual line of sight reading without any horizontal ballistic correction.

If your electronic device requires LOS input, simply use this number.

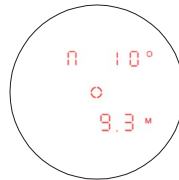


LOS Mode-Incline



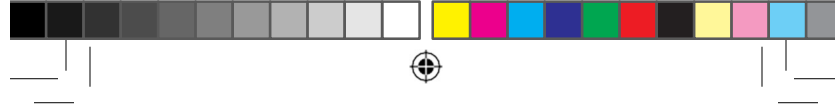
When in LOS mode, an additional number is shown above the yardage number. This number is the degrees of slope.

If you use a ballistic program to help you with aiming solutions in mountainous terrain, inputting this number will help provide a more accurate calculation.



16

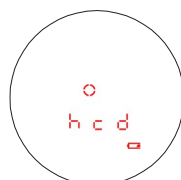




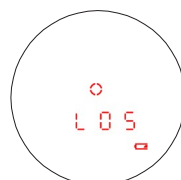
How to Range

Ranging in Normal Mode

When powered on, aim the reticle at the object you wish to range, then press and release the “Ranging” button. Your range will appear. If no reading is shown because of target reflectivity, you will see a display similar to the image shown below. To range again, simply press and release the “Ranging” button again.

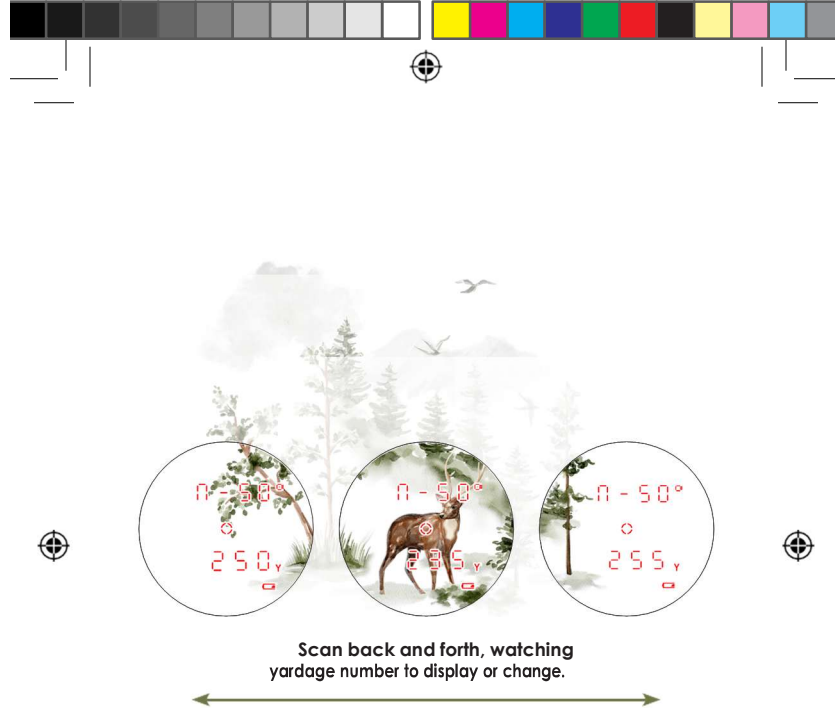


HCD SCREEN



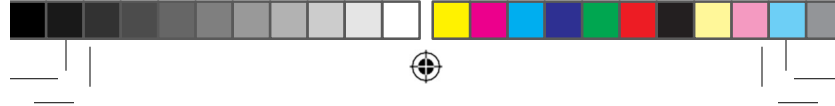
LOS SCREEN





Scanning Ranging

Activate Scanning mode by pressing and holding the "Ranging" button. Keeping the button depressed will continuously measure distance while scanning with the rangefinder. The display will blink "S" in Scanning mode.



Tips for Accurate Laser Range Finding

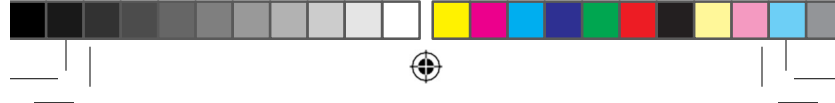
Laser rangefinders shoot pulses of light at an aimed target and tell you how far away something is by the time it takes for that pulse of light to bounce back. This pulse of light bounces back differently, depending on what it hits.

Lanyard

Securely carry your Winchester Supreme LRF. Install through the small loop through the left or right wrist lanyard attachment hole below your eyepiece. Run the large loop through the small loop and pull to tighten.

LRF Case

Your Winchester Supreme Rangefinder comes with a padded nylon case with a belt loop for extra protection.



Maintenance



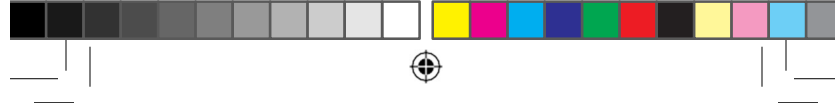
- » Use a lens brush or air to remove dust and dirt from lenses.
- » Use lens tissue and cleaner formulated for multicoated optics according to manufacturer's instructions. Use supplied microfiber cloth to buff to fine finish.
- » Remove batteries when not in use.
- » Store in a cool, dark, and dry location.
- » There is no scheduled maintenance necessary to maintain product compliance. If the user requires service, the unit **MUST** be serviced or repaired by Apogee factory authorized technicians.
- » User may not, service or otherwise modify the unit, nor is it permitted to attempt to defeat safety interlocks. Any tamper or improper modification of the unit may result in exposure to potentially hazardous levels of laser radiation.



All Service inquiries must be addressed to the Manufacturer

Winchester Supreme Optics C/O Apogee Inc.
695 W 1700 S Bldg 12
Logan, UT 84321
Tel: 888-213-0058





FCC Statement

This device complies with Part 15 of the FCC rules Operation is subject to the following two conditions: • This device may not cause harmful interference, and • This device must accept any interference received, including interference that may cause undesired operation Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

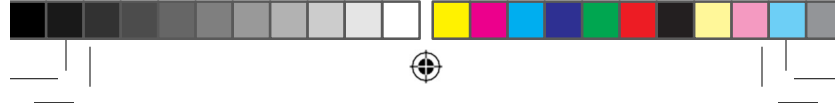
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules: These limits are designed to provide reasonable protection against harmful interference in a residential installation

Safety and precautions.

Do not stare into beam or view directly without laser eye protection. Staring continuously into beam for prolonged periods of time could cause harm to your eyes. If used properly, this device is safe for your eyes and laser safety eye protection is not needed.

- Use the correct battery (CR2) and proper battery orientation.
- Do not look at sun.
- Do not point laser or allow laser light to be directed or reflected toward other people, pets, or reflective objects
- Do not activate Menu or Measure buttons while aiming at eye or looking into objective lens.
- Do not modify, or remove protective covers or housings
- Do not allow children to play with unit.
- **Do not operate the unit if there is visible damage to the protective covers, seals, or housings, or if there is any other evidence of damage or defect**





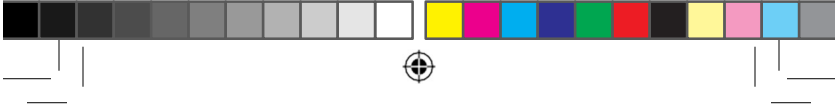
**CLASS 3R LASER PRODUCT. INVISIBLE LASER RADIATION.
DO NOT VIEW DIRECTLY WITH EYES OR OPTICAL
INSTRUMENTS (BINOCULARS OR TELESCOPES)**

**This Laser Product is designated as Class 3R during all
procedures of operation. No user serviceable parts. Service to
be performed by factory-authorized technicians only.**

	6x20	7x24
Laser Parameters:	Wavelength	Wavelength
Wavelength	905nm±15nm	905nm±15nm
Emission for classification	<450nJ	<450nJ
Mode of operation	Pulsed Laser Operation Mode	Pulsed Laser Operation Mode
Beam Diameter<Xmm at Aperture	16.4 mm at Aperture	22 mm at Aperture
Divergence	3 Mrad	2 Mrad
Transverse Beam Mode	Multi-Mode Laser	Multi-Mode Laser

Complies with FDA performance standards for laser products
except for conformance with IEC 60825-1 Ed.3., as described in
Laser Notice 56, dated May 8, 2019.

**CAUTION: Use of controls or adjustments or performance of
procedures other than those specified herein may result in
hazardous radiation exposure. Changes or modifications not
expressly approved by the party responsible for compliance
could void the user's authority to operate the equipment.**



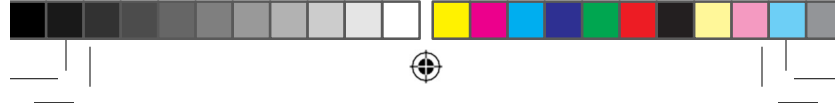
Model 7x24



Laser
Aperture

Model 6x20





This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. The equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause interference to radio or television reception the user is encouraged to try to correct the interference by one or more of the following:

- Reorient or relocate the receiving antenna
- Increase the separation between this product and the receiver
- Connect the equipment to an alternative outlet or receiver
- Consult a technician

Shielded interference cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.

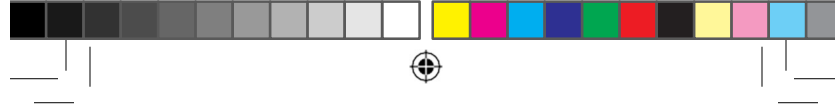
Warranty

Your precision Winchester Supreme Laser Rangefinder has a limited lifetime warranty. In the unlikely event that you require service on your rangefinder please contact us.

Phone: 888-213-0058

Email: info@winchesteroptics.com

Web: www.winchesteroptics.com



winchesteroptics.com/warranty



Scan the QR code with a mobile device for additional warranty details.



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The operation and use of this product is the sole responsibility of the Customer and the Customer assumes all risks associated with the operation and use of this product.



