The following is a review of the Bering Optics Super Yoter R by Korey Kirschenmann (Night Goggles, Prostaff). The features, specifications, and results may vary in the final release product.

Features:
The Super Yoter (SY) includes the features of the Super Hogster (SH) plus adds some new ones.

- NUC 5-second countdown timer **
- Ability to set date and time in UI **
- Cool and Warm Balance choice
- Zero Adjustments at 1x, 2x, 3x, and 4x
- Stadiametric Custom Height
- Range Marks

*** Available in the most recent SH firmware ***

Size/Weight:
The SY looks very similar to the SH. The lens of the SY is bigger with a 50mm focal length and the overall length is a little longer. The eyecup, end cap, and mount were changed. The ridges around the objective focus are slightly different.

- SY: 9.8" x 2.83" x 2.36" 20.15 oz
- SH: 7.7" x 2.83" x 2.36" 17.14 oz

Power:
The SY has all the same options for power including the use of 3v CR123s (2), 3.7v rechargeable CR123s (2), and/or a 5v 2a battery pack (USB C). The SY can be powered down while powered by any of the sources. The scope can be switched between internal and external by connecting or disconnecting the external battery.

Point Of Impact (POI):
I tested the Point of Impact (POI) at 1x, 2x, 3x, and 4x and saw no movement of POI. I removed the scope and remounted 3 times, and my POI did not change.

I also placed an athletic ice-pack around the scope for 15 minutes and shot, and again saw no impact to my POI.

Zero:
The SY has 4 zero profiles. The incremental windage and elevation (W/E) changes for the SY can be adjusted in cm or inches. The adjustment values change based on the magnification level of the scope when you enter the Zeroing Window. I have been told by Bering there could be minor changes to these values but the prototype adjustment values were 1.5cm, .75cm, .50cm, and .38cm for metric values. The Imperial adjustment values were .54", .27", .18" and .14". **Yes, you read that correctly, the SY can be adjusted in increments lower than most glass scopes.** Bering has told me although there could be slight changes to these values, the incremental values on the SY will always be lower than 0.20" at 4X and lower than 0.65" at 1X.

Mount:
The SY includes a LaRue QD (Bering calls it QR) mount. It is different than most picatinny mounts I have used. It doesn't contain a traditional picatinny lug/post. The front of the Super Yoter LaRue mount acts as the rail post. The fit to the rail was very solid. Even before locking the LaRue QR mount down, there was almost no wiggle or movement to the scope. The scope returned to zero when removing and putting it back on. I actually shot the same hole on 3 consecutive shots after taking it off and remounting numerous times.

One slight issue I encountered is my AR-10 is a Side Charge AR, so the picatinny rail is not open directly below the left side of my rail. The tension adjustment control of LaRue mount is on the bottom left side of the mount and it would strike the top part of my charging platform. I used a .5" riser and this problem was resolved.

It should be noted, the picatinny rail should extend all the way to the back of the mount. On many bolt action guns, users mount their Bering thermals on the last few rail slots. With the SH mounted this way, the thermals could typically still hold zero. In my testing with the LaRue mount, if I didn't have the mount entirely supported on the rail, I saw movement to my POI upon recoil. I would recommend an extended rail/riser such as the LaRue Tactical QD Riser if you cannot get your scope far enough back to adequately support the entire mount.

Custom Stadiametric Height:
This is an exciting new feature. It allows a user to set the height for each of the 4 stadiametric ranges. The smallest allowable value for this prototype was .1m. I have requested Bering Optics make a change to allow for a smaller value but will see if this is possible and if so when it could be changed. This adjustable height means a person can measure the distance of virtually any object of a known height.

This change will also allow a person to use different parts of an animal for ranging. I may like to measure from the ground to the back of a coyote, where the next person wants to measure the body width, etc.

Range Marks:
In talking with Bering Optics, this is a feature I had suggested along with the custom height adjustment mentioned earlier. Bering may call this a different name, but I call them range (cheat) marks or lines. These marks can be set to display in the main window and are centered on the reticle. It can be used with any reticle and is the same color as the reticle. All scope features function as normal with these marks on the screen. I plan to use this for Point Blank Range. My PBR is about 275 yards on my coyote rig. I will set the custom size to a coyote sized animal from ground to shoulder (.5m for adult sized coyotes in my area). I will then set the Range to 250m (approx. 275 yards) and the marks will show up as .5m at 250m in my reticle. When the coyote's height covers my marks, I know they are in PBR and I don't have to compensate my aim.

This can be used for so many things including selecting a perfect target distance, as well as trophy size estimation when you know a range such as over a bait pile. This is truly a remarkable feature. ***Thank you Bering for adding this feature. You are a company that truly listens to your customers and dealers.***

My tests showed the height adjustments to be very accurate. At 5:34 in the SY video, you will see that I created a target with lines where the center of each line was 12" apart. I then used a .6m height which is equivalent to 23.62". I have the distance set to 100m (110 yards), and used a rangefinder to go exactly 100m away. On the video, you will see, the range lines are just slightly smaller than 24" as it should be with a height of 23.62". The test exceeded my expectation as the range estimation was perfect.

I have requested Bering Optics decrease the width of the lines but will see if this is possible and if so when it could be changed.

Cold-Weather Testing: I placed the SY in a freezer (in a Ziploc) for 90 minutes, and it functioned as it should. The screen continued to operate as well as the thermal functioned normally.

Wi-Fi App Integration:
I tested 2 different applications on an iPhone 11 with my SY, and both worked well for recording video, capturing images, and streaming the thermal view to devices. The InfiRay app has more features but it is filled with marketing and is more difficult to navigate in my opinion. If you want to get audio with your videos, it is a nice choice. The Super Hogster app is simpler and supported by Bering.

- **Bering App (Super Hogster App):** There are now both iPhone and Android options that work with the SH, Phenom, and SY. I saw no drops in connection and left it streaming for an hour. Recordings and photos save directly to the camera role on the iPhone. It is a no frills application and does a good job. It records 1024x768 res video in .mov format. The resulting file size is about a 40% reduction in file size vs the internal video. I didn't notice any major reduction in quality but the SH, Phenom, and SY already record internally with super high compression, and the app compresses even more. The back button on the Super Hogster App is hard to get to respond on my phone.

- **InfiRay Outdoors App**: Although not endorsed or supported by Bering, many users use the InfiRay Outdoors app to connect to Bering products. ***Do not attempt to update the Firmware using their application***. The InfiRay Outdoors App records to the iPhone, but to its own file area on the phone. It records 1024x768 res video in .mp4 format. The file sizes are virtually identical to the internally recorded video files. The quality of the final recording appeared the same. However, for those that want audio as part of your recordings, it allows the use of the microphone on your device to record audio with the video files. On the iOS devices I tested, there was about a .5 second synch issue between the audio and video that requires video editing to get in-synch but for those saying they have to have audio, this an option.

Internal Recording: The SY doubled the storage capacity of the SH and allows roughly 60 hours of internally recorded video. I saw no issues with recording internally. On the SH, I get an occasional file that has some glitchiness to it where the video file seemed slightly damaged. For me, it historically impacted a very small % of video files I recorded with the SH. I have not encountered this yet with the internal recordings on the SY.