VENDOR COMPARISON

Features	Hi-Spy Dual Viewer Model	SeeCoast Mark III	Tower
Cost Each	$7,826	$11,800 (2 viewers+base)	$9,000
Cost for 3 Units	$20,449 + S&H	$35,400 + S&H (combined ADA and Standard, single base)	$45,000 + S&H (3 ADA + 3 Standard)
Magnification*	20X60	10X50	10X42
Field of View*	120’ at 1000 yards	366’ at 1000 yards	318’ at 1000 yards
Focus System	Manual	No info	Manual
ADA Accessible design	Yes	Yes	Yes
Warranty	5 years all parts	3 years on manufacturing defects	Lifetime warranty on all parts
Lead Time	2-3 weeks	5-6 months	2-4 weeks (shipped by truck within 2 weeks of signed contract)
Returns	Up to 15 days, must pay shipping	No returns	Up to 30 days, must pay shipping
Maintenance by	City	City	City
Non-Coin Operated Option	Yes	Yes	Yes
Height	60 inches + ADA accessible height	60” + ADA accessible height	63 inches (overall), ADA=51”
Weight	120 lbs	95 lbs	300 lbs
Rotational Angles	360°, vertical +/-30°	360°, 40° up or down	360°, 45° up or down
Viewing Time	N/A	1.5 – 2 minutes	1.5 or 2.5 minutes
Construction	Viewing head: painted aluminum. Support arms: aluminum. Main tube: powder coated aluminum 0.1875” wall thickness. Base: powder coated aluminum.	356 aluminum alloy castings with a 4.5” diameter aluminum column.	Housing: Chrome plated bronze casting. Yoke, pedestal, base, step-ups: Cast iron. Internal: Bronze and stainless steel
Color Options	Textured black w/aluminum head is standard. Sierra tan, moss green, blue, green and red also available.	Sepia Hammer-tone, Hammer Grey, and Capri Blue	Housing: Chrome Plated Yoke, Pedestal, Base: Black, other colors also available.
Other	Dual viewer: non-coin operated only	Hand made to order	Stand alone models only, no dual viewer models

Magnification and Field of View. The lower the magnification, the smaller the image but the wider the field of view. For example, if you want to see all the sailboats in the lake, use 10X. If you want to see just the people on one boat, use a higher magnification.

In a 10X50 binocular, the first number (10) refers to the magnification, or how many times closer an object will appear when looking through the binocular compared to looking at the same object with the naked eye. The second number (50) indicates the diameter of the objective lens (the light-gathering lens at the far end of the binocular) in millimeters.

Aperture. Regarding the objective (front) lens size: the bigger the lens, the heavier the binocular. A larger lens will provide a brighter image (all other things being equal), but the compromise is increased size and weight of the viewer. For example, a compact binocular has a very small objective lens size, and will not be as bright, especially in low light conditions such as dawn, dusk, or in the woods.

Websites: Hi-Spy Viewing Machines, Tower Optical Co., Inc., SeeCoast Manufacturing Company, Inc.