



A SOLID FOUNDATION, DESIGNED FROM THE **GROUND UP**

Engineered from the ground up with astroimaging in mind, the new Advanced VX series from Celestron sets a superior standard in mid-level telescopes. Advanced VX provides you with many of the features found on Celestron's most sophisticated German equatorial mounts, at an extremely affordable price.



12031 – Advanced VX 8" Edge HD SCT
Camera not included

www.CELESTRON.COM



22020
Advanced VX 6" Refractor

12031
Advanced VX 8" Edge HD SCT

32062
Advanced VX 8" Newtonian

ADVANCED VX SERIES



The new Advanced VX mount was specifically designed to provide optimum imaging performance for smaller telescopes. Now your smaller telescope can take advantage of All-Star Polar Alignment and autoguider support. You'll be able to track through long exposures using permanently programmable periodic error correction. Image across the meridian without doing a meridian flip, so you can seamlessly image the best part of the night

sky. Advanced VX features significantly larger base castings than our previous design, improving stability under heavier loads. Improved motors offer more torque and can handle slight load imbalances with ease.

Experienced imagers will love taking this portable mount to a dark sky site, providing them with all the performance of their larger observatory mount. Or, if you're new to imaging, this mount will help you get started with the hobby and support your needs for years to come.

The Advanced VX Series includes a range of optical tubes to fit the needs and budget of a variety of imagers and visual observers. But the star of the Advanced VX line is the 8" EdgeHD telescope, which provides the best optics and the best mount for new astromagers, with the complete setup priced under \$2000.

MODELS

91519 – Advanced VX Mount
12031 – Advanced VX 8" SCT
12046 – Advanced VX 9.25" SCT
12079 – Advanced VX 6" SCT
12026 – Advanced VX 8" SCT

12067 – Advanced VX 11" SCT
22020 – Advanced VX 6" Refractor
32054 – Advanced VX 6" Newtonian
32062 – Advanced VX 8" Newtonian

SPECIFICATIONS

Payload rating	30 lbs
Optical Mounting System	Standard Vixen-style "V" dovetail bar
Astroimaging Ability	Long exposure deep-sky, planetary, lunar
Computerized Hand Control	NexStar+ hand control with LCD display, 19 fiber-optic backlit LED buttons
Database	40,000+ objects, 100 user-defined programmable objects. Enhanced information on over 200 objects
Slew Speeds	Nine slew speeds, 4 deg/sec maximum
Tracking Modes	EQ North, EQ South, Off
Tracking Rates	Sidereal, Lunar, Solar
Alignment Procedures	2-Star Align, Quick Align, 1-Star Align, Last Alignment, Solar System Align
Motor Type	Low cog DC servo motors with encoders on both axes
Power Requirements	12V DC 3.5A (tip positive)
Latitude Range	7 degrees to 77 degrees
PEC	Yes. Permanently Programmable
GPS	Optional SkySync GPS Accessory
Backlash Compensation	Yes
Internal Real-Time Clock	Yes
Available Ports	2x AUX ports, Autoguider port, RS-232 port (on hand control)
Setting Circles	No
Polar Axis Scope	Optional
Counterweight	One 11 lb counterweight included
Counterweight Shaft Length	12"
Counterweight Shaft Diameter	0.75"
Tripod	Adjustable, Stainless Steel
Tripod Leg Diameter	2.0"
Height Range of Mount	44" to 64"
Weight of Tripod	18 lbs.
Weight of EQ Head	17 lbs.
Total Weight	46 lbs. including counter weight
Warranty	2-Years