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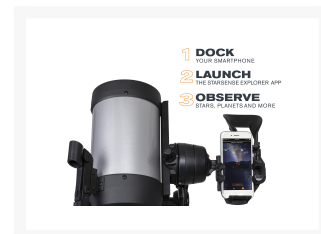
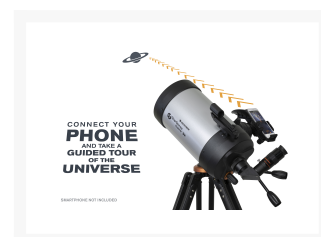
Opening Hours  
10am-5:30pm Mon-Fri  
9am-2pm Sat

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## Celestron StarSense Explorer DX 6 Inch SCT

AUD  
\$1,449.00

### Product Images



### Short Description

- Unleash the power of your smartphone to take you on a guided tour of the night sky—no telescope experience required.
- Award-winning and patented StarSense sky recognition technology uses your smartphone to analyze star patterns overhead and calculate its position in real time.
- StarSense Explorer Powered by SkySafari™ app automatically generates a list of objects currently visible. View planets, brighter nebulae and galaxies, star clusters, and double stars from the city. Or take your telescope to darker skies to view faint, deep sky objects.
- Manual altazimuth mount with smooth, dual-axis slow-motion controls makes it easy to follow the on-screen arrows to your desired target. When the bullseye turns green, it's ready to view in the telescope's eyepiece.
- 6" Schmidt-Cassegrain optical tube with StarBright XLT coatings and enough light gathering ability to view all the best celestial objects
- Includes 40mm 10mm eyepieces, StarSense smartphone dock, a red dot finderscope (in case you want to use the telescope

without your phone), an erect image diagonal, and a sturdy, full-height tripod.

## Description

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Celestron has reinvented the manual telescope with StarSense Explorer—the first telescope that uses your smartphone to analyze the night sky and calculate its position in real time. StarSense Explorer is ideal for beginners thanks to the app's user-friendly interface and detailed tutorials. It's like having your own personal tour guide of the night sky.

### **Dock, Launch, Explore**

Leave complicated star charts, imprecise planetarium apps, and computerized mounts behind. With StarSense Explorer, locating objects has never been easier, faster, or more accurate. Within minutes of setting up the telescope, you'll be navigating the sky with confidence. Simply place your phone in the unique StarSense dock and launch the StarSense Explorer app. After aligning your phone to the telescope's optics (a quick, 2-minute procedure), StarSense Explorer generates a list of celestial objects currently visible. Make your selection and arrows appear onscreen, guiding you as you to move the telescope. When the object is ready to view, the bullseye turns green.

### **Smartphone Compatibility**

StarSense Explorer works with most modern smartphones, including iPhone 6 and up and most devices running Android 7.1.2 or later manufactured since 2016. For a complete compatibility list, [click here](#).

### **Patented StarSense Sky Recognition Technology**

StarSense Explorer uses patented technology and your smartphone to determine exactly where the telescope is pointed in the night sky. A Lost in Space Algorithm (LISA), like the ones satellites use in orbit to correctly orient themselves, helps the app match star patterns it detects overhead to its internal database.

While other astronomy apps may claim that they can help you find objects, they rely exclusively on the phone's gyros and accelerometers, which aren't as accurate as LISA technology. No other app can accurately tell you when your target is visible in the eyepiece.

### **High Quality Altazimuth Mount with Slow Motion Control**

An ultra-stable altazimuth mount provides a sturdy foundation for StarSense Explorer DX. Slip clutches and geared slow motion controls in both axes help you move the telescope smoothly and zero in your target. As celestial objects appear to drift across the night sky, you'll be able to follow them with just a few turns of the knobs. It's all anchored by an adjustable, full-height tripod.

### **Dazzling Views with High Quality Optics**

With a large 6" Schmidt-Cassegrain optical tube—Celestron's tried-and-true optical design for over 50 years—this telescope has enough light gathering ability to bring out impressive detail in celestial objects while remaining compact and lightweight. You can expect sharp, bright views of Jupiter's four Galilean moons, its cloud bands and Great Red Spot, the rings of Saturn, the trapezium in the Orion Nebula, and the beautiful Pleiades Open Star Cluster.

All air-to-glass surfaces are coated with our StarBright XLT optical coatings to visibly increase contrast and light transmission for brighter deep space views. With StarBright XLT, you'll be able to discern subtle details while viewing the Moon and planets as well as faint galaxies and nebulae. For more information about our patented StarBright XLT coatings, [visit here](#).

### **Perfect for the City or Dark Sky Sites**

Even if you live in a light polluted city location, StarSense Explorer is advanced enough to be able to pick out Jupiter, Saturn, Venus, the Orion Nebula, double stars, and a few more of the most famous celestial objects.

But if you can take the telescope to an even slightly darker location, more objects will become visible. With this 6" Schmidt-Cassegrain and relatively dark skies, the Andromeda Galaxy, Hercules Open Star Cluster, and so many more are easily within your reach.



Optical Tube Length:	406mm (16")
Optical Tube Diameter:	184.15mm (7.25")
Optical Tube Weight:	10 lbs (4.54 kg)
Dovetail:	CG-5 Dovetail Bar

#### **MOUNT INFO:**

Mount Type:	Manual Alt-Azimuth
Height adjustment range (includes mount and tripod):	Aluminum, 1320.8mm (52") max height
Tripod Leg Diameter:	31.75mm (1.25") steel
Accessory Tray:	Yes
Tripod Weight:	3.8 lbs (1.72 kg)
Slew Speeds:	Manual
GPS:	Uses phone's GPS
Dovetail Compatibility:	CG-5
Power Requirements:	None (Recommend PowerTank Glow to keep phone charged while using App)
Alignment Procedures:	Use StarSense Explorer App
Software:	StarSense Explorer App, SkyPortal App, and Celestron Starry Night Basic Edition Software
Total Kit Weight:	14 lbs (6.35 kg)
Included Items:	Optical tube Mount and tripod (preassembled) 40mm and 10mm eyepieces Erect image diagonal StarPointer finderscope Accessory tray StarSense Explorer phone dock