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Opening Hours  
10am-5:30pm Mon-Fri  
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## Celestron Starsense AutoGuider

**AUD**  
**\$1,399.00**

### Product Images



### Short Description

STARSENSE AUTOGUIDER

### Description

- Automatic alignment: Aligns your telescope to the night sky in about three minutes with no user input, thanks to Celestron's patented StarSense technology.
- Precise GoTo: Boosts the pointing accuracy of your Celestron mount, placing celestial objects in the center of the field of view of high-powered eyepieces and small imaging sensors.
- Autoguiding: Tracks celestial objects accurately for pinpoint stars in long exposure astroimages, eliminating the need for a

separate autoguiding camera, guidescope, and computer.

- Assisted polar alignment: Walks you through an easy, automated process to dial in the best polar alignment.
- High-quality 4-element optical design: Features a unique optical design by famed optical designer Mark Ackermann, with sharper optics than other mini-guidescopes.
- Multiple ways to control: Works with your NexStar+ hand control or CPWI telescope control software via a wired PC connection or WiFi.

## Additional Information

### Specifications

Lens Design:	Double-Gauss
Aperture:	28mm (1.10")
Focal Length:	120mm (4.72")
Focal Ratio:	f/4.3
Number of Elements:	4
Coatings:	Fully Multi-Coated
CMOS Image Sensor:	Sony IMX290LLR, monochrome, back-illuminated
Sensor Size:	6.46mm diagonal
Pixel Size:	2.9µm x 2.9µm
Number of effective pixels:	2.13M
Onboard computer:	Integrated Computer-On-Module
Primary Arm® core:	2x Cortex® -A53 up to 1.4 GHz
Secondary Arm® core:	1x Cortex-M7 up to 600 MHz
RAM:	512 MB
ROM:	4 GB
GPU:	GC7000UltraLite
Operating Temperature:	-25°C to 85°C
Ports:	AUX and USB-C
AUX:	For connection to Celestron mounts
USB-C:	For PC connection for live view, USB 3.1
Housing:	Aluminum with plastic covers, threaded for 2" filters
Solar Warning	