

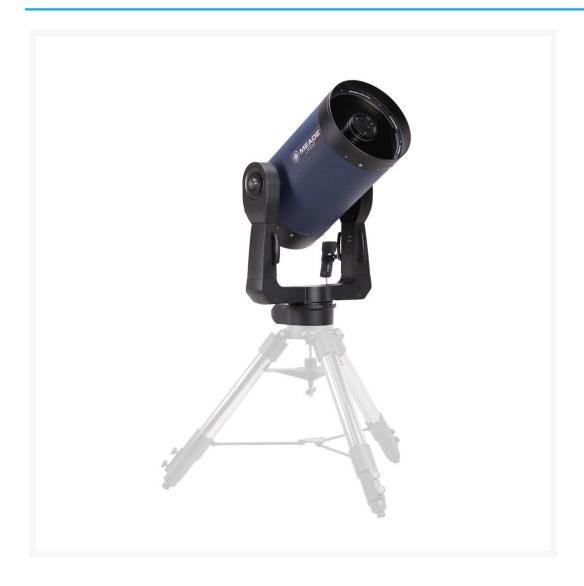
Sirius Optics Unit 1 26 Darnick Street Underwood, Qld 4119 Opening Hours

10am-5:30pm Mon-Fri 9am-2pm Sat Phone: 07 3423 2355 www.sirius-optics.com.au

Meade LX200 ACF 14in F/10 No Tripod

AUD \$13,999.00

Product Images



Short Description

14" f/10 Advanced Coma Free Optics - 3556mm focal length Ultra-High Transmission Coatings (UHTC) AutoStar II GOTO system

Description

This 14" LX200-ACF has 14" diameter f/10 ACF optics (focal length 3556mm) and Ultra-High Transmission Coatings (UHTC) for maximum image brightness and contrast. Features the advanced LX200 AutoStar II computer system with 145,000 object library, multiple guided tours, High Precision Pointing capability with sub arc-minute pointing accuracy, and Meade SmartDrive with Permanent Periodic Error Correction.

Precise and quick star alignment is done near effortlessly with Meade's level north technology alignment system incorporating a 16 channel GPS receiver. The Autostar II is flash-updatable via free downloads at Meade.com (optional cable required). The drive base of the telescope has multiple input and output ports including an RS-232 PC interface and jacks for a (user supplied) CCD Autoguider and illuminated reticle.

Mechanically loaded as well all LX200 models feature a primary mirror locking mechanism, which effectively prevents movement of the primary mirror during long exposure astrophotography or observing. Turn the lock knob located just above the telescopes main focus knob and the progressive-tension primary lock completely cancels any residual image shift due to mirror movement during visual, photographic, or imaging applications.

All LX200-ACF models feature the DC-servo driven super heavy duty double fork mount, the strongest and most rigid mount in its class. Fast slew speeds are from 1 to 8 degrees per second, and can be user selected at .1 degree per second increments, while fine slewing and photographic guiding speeds can be adjusted from .01x to 1x sidereal in one one-hundredth increments. The mount and all electronics are internally powered by 8 (user supplied) C-cell batteries which will typically operate the telescope for around 20 hours (optional Meade Universal AC adapter also available). The mount additionally has mechanical locks and slow motion manual controls in both axis if for some reason you found yourself without power.

The 14" LX200-ACF comes fully equipped with 1.25" diagonal mirror, Series 4000 26mm Plössl eyepiece, 8x50 viewfinder with quick release bracket and Meade AutoStar® Suite Astronomer Edition Software for PC. Scope weight is 125 pounds.

Sold without tripod, ready for your custom pier or mounting.

Product carries full one year Meade factory limited warranty.

Additional Information

Series LX200 Telescopes 1 Year Warranty **Experience Level** Intermediate, Advanced Clear Aperture 14" Optical Design Advanced Coma-Free (ACF) UHTC™ **Optical Coatings** 3,556mm Focal Length Focal Ratio f/10 Resolving Power (Dawes' Limit) 0.326 arc-seconds Oversized Primary Mirror Yes Mirror Lock Yes Viewfinder 8x50mm with cross-hair reticle Eyepiece(s) 26mm Series 4000™ Super Plössl Focuser Mechanism Single Speed Focuser Diagonal 1.25" diagonal mirror Hand Controller AutoStar® II Object Database 145,000 objects Pointing Precision (High-Precision Mode) 1 arc-minute (+/-) Specifications **Periodic Error Correction** Both Axes Permanent Periodic Error Correction (PPEC) Yes Slow Motion Controls Mechanical & Electronic RA and Dec: 0.01x to1.0x sidereal, variable in 0.01x increments; 2x, 8x, 16x, 64x, 128x sidereal; 1°/sec. to 2°/sec., variable in 0.1° increments. Slew Speeds Tracking Rates Sidereal, Lunar, or custom-selected from 2000 incremental rates 12 v DC in, 12 v DC out, Power, Focuser, Reticle, Handbox port, 2 x computer connection ports (RS232), $1 \ \rm Aux$ guide port **Control Panel** Power Source (Optional) 12v DC, 5 amp Meade Universal Power Supply Batteries (User-Supplied) **GPS** Receiver Yes True Level & North Sensors (LNT) Yes Time Chip Electronic Focuser Optional Smart Mount™ Yes Smart Drive™ Yes Anti-vibration Pads Optional Optional Wedge

24 August 2025