

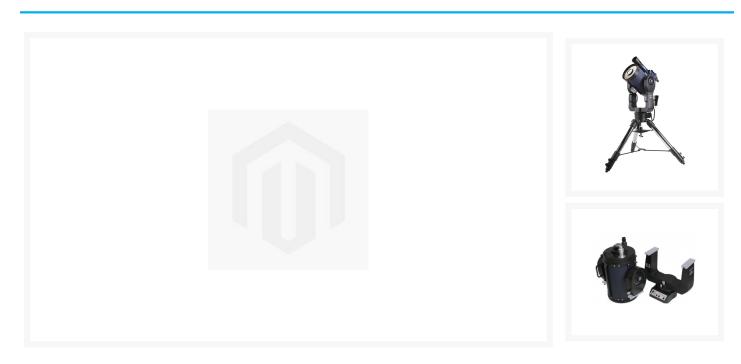
Sirius Optics Unit 1 26 Darnick Street Underwood, Qld 4119 Opening Hours

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

Meade LX600 ACF 10in F/8 with Starlock

AUD \$9,999.00

Product Images



Short Description

10" f/8 Advanced Coma Free Optics - 2032mm focal length Ultra-High Transmission Coatings (UHTC) Crayford Focuser StarLock automatic guider AutoStar II GOTO system Heavy-duty Giant Field tripod

Description

Meade Instruments is proud to announce the latest addition to our line of industry leading developments, the LX600, ready to take your visual and optical astronomy to the next level. The fast f/8 Advanced Coma Free optical system produces a wider, flatter field with no coma for pinpoint stars out to the edge of larger imaging sensors and extreme wide angle eyepieces. Includes StarLock for full time guiding at one arc second precision and LightSwitch style auto-alignment, Crayford style zero shift focuser with reduction, AutoStar II GOTO system with over 145,000 object library, and much more.

This 10" LX600 has 10" diameter f/8 ACF optics (focal length 2032mm) and Ultra-High Transmission Coatings (UHTC) for maximum image brightness and contrast. The redesigned mirror mounting system achieves zero image shift and includes an internal Crayford style focuser with two speed, 7:1 reduction control that allows for quick and easy adjustments.

Includes StarLock- the revolutionary new technology that makes target acquisition on your imaging sensor and accurate guiding during exposures completely automatic.

The 10" LX600-ACF comes fully equipped with AutoStar II keypad with 145,000 object library, Meade 1.25" diagonal mirror, 26mm Super Plossl eyepiece and 8x50 viewfinder with quick release bracket.

Power panel includes the following ports: 12V input, 12V output, illuminated reticle, handbox, RS-232 x1, StarLock, Aux, and Focuser.

Meade Microfocuser compatible, Microfocuser item #07080 sold separately.

Approximate Shipping Weight: 181 lbs.

Product carries full one year Meade factory limited warranty.

Additional Information

Series LX600 Telescopes 1 Year Warranty Experience Level Advanced 10" Clear Aperture Advanced Coma-Free (ACF) Optical Design UHTC™ Optical Coatings Focal Length 2032mm Focal Ratio f/8 Resolving Power (Dawes' Limit) 0.456 arc-seconds Oversized Primary Mirror Viewfinder 8x50mm with cross-hair reticle Eyepiece(s) 26mm Series 4000™ Super Plössl Focuser Mechanism Internal Crayford-style, zero image-shift, dual speed 7:1 focuser Diagonal 1.25" diagonal mirror AutoStar® II Object Database 145.000 objects Pointing Precision (High-Precision Mode) 1 arc-minute (+/-) Periodic Error Correction Both Axes Specifications Permanent Periodic Error Correction (PPEC) Yes StarLock™ Typical Guiding Performance with StarLock < 1 arc-second Slow Motion Controls Mechanical & Electronic RA and Dec: 0.01x to 1.0x 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 12v DC in, 12v DC out, Power, Focuser, Reticle, Handbox port, 1 computer connection port (RS232), 1 StarLock port, 1 Aux guide port Control Panel Tripod Giant Field Tripod (Optional) 12v DC, 5 amp Meade Universal Power Supply. Power Source Batteries (User-Supplied) 8 x C cells GPS Receiver Yes Yes Time Chip **Electronic Focuser** Optional Smart Mount™ Yes Smart Drive™ Yes Anti-vibration Pads Included Wedge Optional