



Sirius Optics
Unit 1
26 Darnick Street
Underwood, Qld 4119

Opening Hours

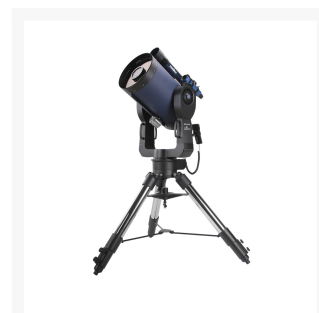
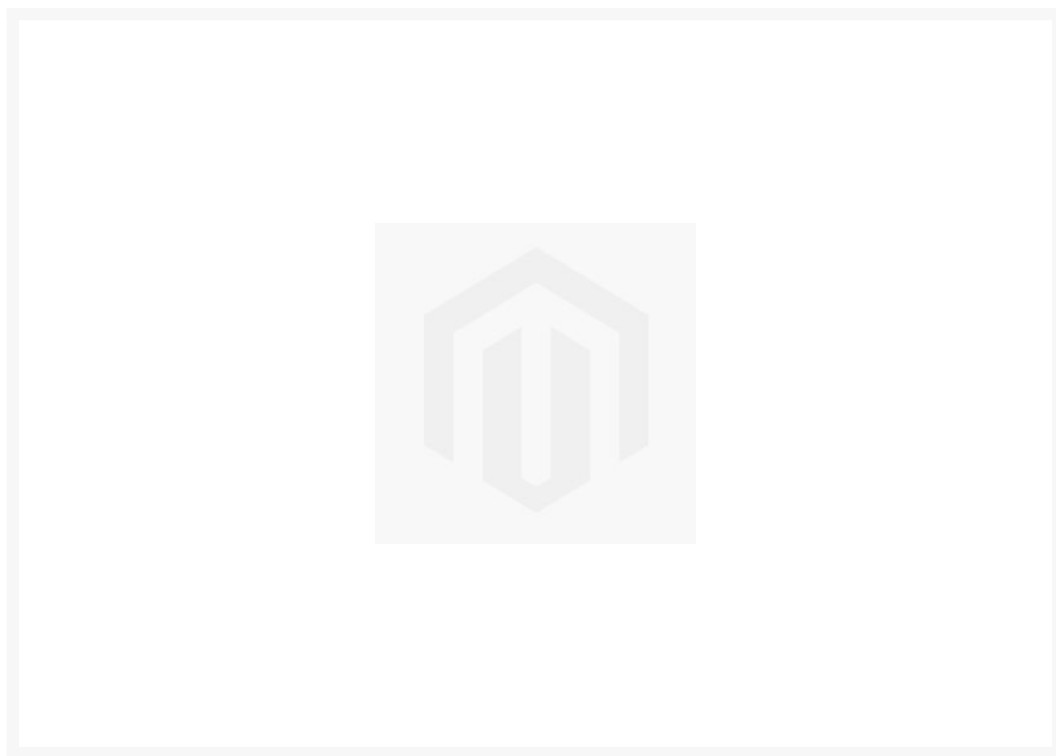
10am-5:30pm Mon-Fri
9am-2pm Sat

Phone: 07 3423 2355
www.sirius-optics.com.au

Meade LX600 ACF 12in F/8 with Starlock

AUD
\$11,499.00

Product Images



Short Description

12" f/8 Advanced Coma Free Optics - 2438mm 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 12" LX600 has 12" diameter f/8 ACF optics (focal length 2438mm) 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 12" 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: 203 lbs.

Product carries full one year Meade factory limited warranty

Specifications

Series	LX600 Telescopes
Warranty	1 Year
Experience Level	Intermediate, Advanced
Clear Aperture	12"
Optical Design	Advanced Coma-Free (ACF)
Optical Coatings	UHTC™
Focal Length	2438mm
Focal Ratio	f/8
Resolving Power (Dawes' Limit)	0.380 arc-seconds
Oversized Primary Mirror	Yes
Viewfinder	8x50mm with cross-hair reticle
Eyeiece(s)	26mm Series 4000™ Super Plössl
Focuser Mechanism	Internal Crayford-style, zero image-shift, dual speed 7:1 focuser
Diagonal	1.25" diagonal mirror
Hand Controller	AutoStar® II
Object Database	145,000 objects
Pointing Precision (High-Precision Mode)	1 arc-minute (+/-)
Periodic Error Correction	Both Axes
Permanent Periodic Error Correction (PPEC)	Yes
StarLock™	Yes
Typical Guiding Performance with StarLock	< 1 arc-second
Slow Motion Controls	Mechanical & Electronic
Slew Speeds	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.
Tracking Rates	Sidereal, Lunar, or custom-selected from 2000 incremental rates
Control Panel	12v DC in, 12v DC out, Power, Focuser, Reticle, Handbox port, 1 computer connection port (RS232), 1 StarLock port, 1 Aux guide port
Tripod	Giant Field Tripod
Power Source	(Optional) 12v DC, 5 amp Meade Universal Power Supply
Batteries (User-Supplied)	8 x C cells
GPS Receiver	Yes
Time Chip	Yes
Electronic Focuser	Optional
Smart Mount™	Yes
Smart Drive™	Yes
Anti-vibration Pads	Included
Wedge	Optional
Assembled Product Weight	203 lbs.