



# MEADE® INSTRUMENTS

# CORONADO®



## 2021 PRODUCT CATALOG

[WWW.MEADE.COM](http://WWW.MEADE.COM)



## **AT MEADE INSTRUMENTS,**

Our mission is to fuel exploration and empower curiosity by delivering expertly crafted instruments and excellent service for all. With these core values, Meade enables both professional and amateur enthusiasts to experience the wonders of the universe.

# TABLE OF CONTENTS

---

01 | Meade® Technology

## MEADE® TELESCOPES

03 | Infinity Series

05 | StarPro AZ Series

07 | Polaris Series

09 | Adventure Scope Series

11 | StarNavigator NG Series

13 | ETX Observer Series

15 | LightBridge Plus Series

17 | LX65 Series

19 | LX65 Optical Tube Assemblies

23 | Series 6000 APO Refractors

27 | LX85 Series

29 | LX85 Optical Tube Assemblies

33 | LX90 Series

37 | LX200 Series

41 | LX600 Series

45 | LX850 Series

49 | Advanced Coma-Free (ACF™) Optical Tube Assemblies

## CORONADO®

53 | Personal Solar Telescope (P.S.T.)

55 | SolarMax® III

58 | Solar Image Gallery

## 59 | CAMERAS AND PHOTOGRAPHY ACCESSORIES

## 69 | MEADE® AND CORONADO® ACCESSORIES

## AUDIOSTAR™

The AudioStar™ Controller from Meade is the next generation of Meade's popular AutoStar®. This computerized celestial object locating system contains access to 30,000 night sky objects and pre-recorded audio presentations of the objects you're viewing in the eyepiece. It replaces the AutoStar® controller with one that includes audio.

AudiStar™

## AUTOSTAR® II

AutoStar® II equipped telescopes contain a database of over 144,000 night sky treasures and is by far the largest collection of targets in the commercial telescope industry. Telescopes equipped with AutoStar® II hand controllers include features like GoTo capability, GPS, Smart Mount, flexure mapping, custom guided tours, and various other advanced features.

AutoStar® II

## ASTRONOMER INSIDE™

Astronomer Inside™ plays over 4 hours of audio content, bringing the cosmos to life. Don't know what's up in tonight's sky? Astronomer Inside does; watch and listen as it takes you on a tour of the night's best celestial objects.



## SMART MOUNT™

Smart Mount improves the pointing accuracy of your telescope's "GoTo" system. Despite careful efforts to reduce mount flexure and improve pointing accuracy, telescopes may still fail to precisely center objects. Smart Mount allows your telescope to learn about, and then correct for, any systematic pointing errors, regardless of the cause. Smart Mount is recommended for use with permanently mounted telescopes.

SMART MOUNT™

## SMART DRIVE™

Smart Drive, or permanent periodic error correction, permits a professional level of drive-rate precision. The significant value of the Smart Drive is immediately appreciated during long-exposure astrophotography, where the resultant lower periodic error of the system enables improved tracking while minimizing guide corrections.

SMART DRIVE™

## ULTRA-HIGH TRANSMISSION COATINGS (UHTC™)

Specialized multi-layered coatings that are precisely designed to improve the performance of your telescopes optics. You'll see brighter star clusters, more fine detail in nebulas, and more surface features on planets with UHTC™ than without. Averaged over the entire visible spectrum, total light transmission to the focus increases by 15%.



## STARLOCK™

This revolutionary new technology makes target acquisition and accurate guiding completely automatic. Provides computer assisted polar drift alignment using an f/5 80mm optic and a two camera sensor system. Starlock™ automatically programs periodic error correction achieving guiding accuracy up to 1 arc-second and can guide on stars as faint as 11th magnitude.



## ADVANCED COMA-FREE OPTICS (ACF™)

Building from a classic RC design, Meade created a new design with coma-free pinpoint star images and flatter field. The ACF™ design reduces astigmatism and eliminates diffractions spikes found in classical RCs. The ACF™ is the perfect platform for the demanding researcher and imaging enthusiast with telescopes available in apertures of 6 inches, 8 inches, 10 inches, 12 inches, 14 inches, and 16 inches.



**FOR MORE INFORMATION ON MEADE TECHNOLOGIES VISIT**

**[WWW.MEADE.COM](http://WWW.MEADE.COM)**

# INFINITY SERIES

The Infinity series telescopes are perfect for the observer who views both astronomical and terrestrial objects. These refracting telescopes come complete with everything you need to view the wonders of the night sky the first time out of the box. Infinity telescopes feature an alt-azimuth (vertical and horizontal motion) mount that allows for easy and quick viewing. This telescope comes with AutoStar Suite® Astronomer Edition Software on DVD. This bonus DVD will help you learn the night sky and displays more than 10,000 celestial objects including planets, stars, galaxies and nebulae.

- Perfect beginner telescope
- Alt-azimuth mount
- Comes with multiple eyepieces that provide low, medium, and high powered magnification
- Infinity 50mm includes a 5x24 optical viewfinder while the 60mm-102mm include red-dot viewfinders



### INFINITY 50mm



Item Number	209001
Focal Length	600mm (f/12)
Aperture	50mm
Eyepieces	4mm(150x) 12mm(50x) 20mm(30x)
Barlow Lens	2X included
Assembled Weight	2.9 lbs

### INFINITY 60mm



Item Number	209002
Focal Length	800mm (f/13.3)
Aperture	60mm
Eyepieces	9mm(88x) 26mm(30x)
Barlow Lens	2X included
Assembled Weight	6 lbs

### INFINITY 70mm



Item Number	209003
Focal Length	700mm (f/10)
Aperture	70mm
Eyepieces	9mm(27x) 26mm(77x)
Barlow Lens	2X included
Assembled Weight	7.5 lbs

### INFINITY 80mm



Item Number	209004
Focal Length	400mm (f/5)
Aperture	80mm
Eyepieces	6.3mm(63x) 9mm(44x) 26mm(15x)
Barlow Lens	2X included
Assembled Weight	10.8 lbs

### INFINITY 90mm



Item Number	209005
Focal Length	600mm (f/6.7)
Aperture	90mm
Eyepieces	6.3mm(95x) 9mm(66x) 26mm(23x)
Barlow Lens	2X included
Assembled Weight	11.8 lbs

### INFINITY 102mm



Item Number	209006
Focal Length	660mm (f/6.5)
Aperture	102mm
Eyepieces	6.3mm(104x) 9mm(73x) 26mm(25x)
Barlow Lens	2X included
Assembled Weight	12.1 lbs



## StarPro AZ™

Meade's StarPro AZ™ is the perfect scope for the novice astronomer seeking to explore the universe! Available in a wide variety of apertures, the StarPro AZ™ has everything you need to start observing the night sky right out of the box. The StarPro AZ™ features a single arm, alt-azimuth mount with slow motion control cables on both axes, making your observing experience a breeze. This mount also features a vixen-style dovetail receiver, giving you the ability to use different optical tubes. Included with the StarPro AZ™ is a Bonus Smart Phone adapter that allows you to take images of the night sky through the eyepiece! Also included is the AutoStar Suite® Astronomer Edition Software on DVD to help you learn about objects in the night sky! The StarPro AZ™ is an easy to use, portable telescope, for the on-the-go astronomer. Each optical tube offered with the StarPro Az™ includes fully coated optics resulting in bright, clear images of the moon, planets, nebula, and more!

- Easy-to-use Alt-azimuth mount
- Smart Phone adapter included
- Integrated accessory holder
- Red-dot viewfinder to help easily locate objects
- Comes with 3 eyepieces that provide low, medium, and high powered magnification

### StarPro AZ™ 70mm



Item Number	234001
Focal Length	700mm (f/10)
Aperture	70mm
Eyepieces	6.3mm(111x) 9mm(77x) 26mm(26x)
Barlow Lens	2X included
Assembled Weight	8.4 lbs

### StarPro AZ™ 80mm



Item Number	234002
Focal Length	900mm (f/11.3)
Aperture	80mm
Eyepieces	6.3mm(142x) 9mm(100x) 26mm(34x)
Barlow Lens	2X included
Assembled Weight	10.1 lbs



INCLUDED  
SMART PHONE  
ADAPTER

### StarPro AZ™ 90mm



Item Number	234003
Focal Length	600mm (f/6.67)
Aperture	90mm
Eyepieces	6.3mm(95x) 9mm(66x) 26mm(23x)
Barlow Lens	2X included
Assembled Weight	9.9 lbs

### StarPro AZ™ 102mm



Item Number	234004
Focal Length	660mm (f/6.5)
Aperture	102mm
Eyepieces	6.3mm(104x) 9mm(73x) 26mm(25x)
Barlow Lens	2X included
Assembled Weight	10.9 lbs

# POLARIS SERIES

Meade's Polaris telescopes are perfect for amateur astronomers who wish to discover the night sky. Polaris telescopes come with all the necessary equipment and feature an equatorial mount that allows for easy tracking of celestial objects. This telescope comes with AutoStar Suite® Astronomer Edition Software on DVD. This bonus DVD will help you learn the night sky and displays more than 10,000 celestial objects including planets, stars, galaxies and nebulae.

- Refractor and reflector optics available
- Stable equatorial mount with slow motion controls
- Comes with multiple eyepieces that provide low, medium and high powered magnification



### POLARIS 70mm



Item Number	216001
Aperture	70mm
Focal Length	900mm (f/12.9)
Eyepieces	6.3mm(142x) 9mm(100x) 26mm(35x)
Barlow Lens	2X included
Assembled Weight	16.6 lbs

### GERMAN EQUATORIAL REFRACTORS POLARIS 80mm



Item Number	216002
Aperture	80mm
Focal Length	900mm (f/11.3)
Eyepieces	6.3mm(142x) 9mm(100x) 26mm(35x)
Barlow Lens	2X included
Assembled Weight	17.9 lbs

### POLARIS 90mm



Item Number	216003
Aperture	90mm
Focal Length	900mm (f/10)
Eyepieces	6.3mm(142x) 9mm(100x) 26mm(35x)
Barlow Lens	2X included
Assembled Weight	20 lbs

### POLARIS 114mm



Item Number	216004
Aperture	114mm
Focal Length	1000mm (f/8.8)
Eyepieces	6.3mm(158x) 9mm(111x) 26mm(38x)
Barlow Lens	2X included
Assembled Weight	22.3 lbs

### GERMAN EQUATORIAL REFLECTORS POLARIS 127mm



Item Number	216005
Aperture	127mm
Focal Length	1000mm (f/7.9)
Eyepieces	6.3mm(158x) 9mm(111x) 26mm(38x)
Barlow Lens	2X included
Assembled Weight	26.6 lbs

### POLARIS 130mm



Item Number	216006
Aperture	130mm
Focal Length	650mm (f/5)
Eyepieces	6.3mm(103x) 9mm(72x) 26mm(25x)
Barlow Lens	2X included
Assembled Weight	26.4 lbs

# ADVENTURE SCOPE

Meade's Adventure Scope is the perfect scope for the explorer seeking to observe both day and night objects up close! Available in both 60mm and 80mm apertures, this scope is portable and easy to use. This lightweight refractor gives observers options— view the beautiful countryside around you, including the trees and meadows or view the stellar, dazzling sky above you, including stars, Moon, and planets. This telescope comes with AutoStar Suite® Astronomer Edition Software on DVD. This bonus DVD will help you learn the night sky and displays more than 10,000 celestial objects including planets, stars, galaxies and nebulae.

- Includes a rugged backpack that is able to fit the OTA, tripod, and accessories
- Perfect choice for any travelers, hikers, or campers who are eager to observe and witness the unknown
- Includes red-dot finder scope, erect-image diagonal, and (2) 1.25" eyepieces



## ADVENTURE SCOPE 60mm



Item Number	222000
Aperture	60mm
Focal Length	360mm (f/6)
Eyepieces	6mm(60x) 18mm(20x)
Assembled Weight	2.5 lbs

## ADVENTURE SCOPE 80mm



Item Number	222001
Aperture	80mm
Focal Length	400mm (f/5)
Eyepieces	6mm(66x) 18mm(22x)
Assembled Weight	2.8 lbs

## INCLUDED ACCESSORIES



\*Portable Aluminum tripod not shown

# STARNAVIGATOR NG NEXT GENERATION

The StarNavigator NG (Next Generation) features an easy to operate, lightweight, and portable robotic mount with Meade's AudioStar® computer controller. This incredible AudioStar® technology knows the night sky right out of the box. Turn it on, and after a brief alignment procedure, your telescope is ready to take you on a guided tour of the night skies best objects. With Audiostar's 30,000 object database and over 4 hours of audio presentations built-in the electronics, you can learn about the objects you're viewing. It's like having a professional astronomer with you at the telescope!

- Removable Optical Tube Assembly (OTA)
- GoTo telescope
- Available in reflectors, refractors, and Maksutov Cassegrains
- Red-dot viewfinder included to help easily locate objects in sky
- Power Source: (User-Supplied) Batteries or 12v External Power
- AutoStar® Suite Software included to help you learn the night sky

AudiStar™



### STARNAVIGATOR NG 90mm MAK



Item Number	218005
Aperture	90mm
Focal Length	1250mm (f/13.9)
Eyepieces	9mm(139x) 26m(48x)
Assembled Weight	12.3 lbs

### STARNAVIGATOR NG 90mm REFRACTOR



Item Number	218001
Aperture	90mm
Focal Length	900mm (f/10)
Eyepieces	9mm(100x) 26mm(35x)
Assembled Weight	13.6 lbs

### STARNAVIGATOR NG 102mm REFRACTOR



Item Number	218002
Aperture	102mm
Focal Length	660mm (f/6.5)
Eyepieces	9mm(73x) 26mm(25x)
Assembled Weight	14 lbs

### STARNAVIGATOR NG 114mm REFLECTOR



Item Number	218003
Aperture	114mm
Focal Length	1000mm (f/8/7)
Eyepieces	9mm(111x) 26mm(38x)
Assembled Weight	14.7 lbs

### STARNAVIGATOR NG 125mm MAK



Item Number	218006
Aperture	127mm
Focal Length	1900mm (f/15)
Eyepieces	9mm(211x) 26mm(73x)
Assembled Weight	16 lbs

### STARNAVIGATOR NG 130mm REFLECTOR



Item Number	218004
Aperture	130mm
Focal Length	1000mm (f/7.7)
Eyepieces	9mm(111x) 26mm(38x)
Assembled Weight	15.3 lbs



# ETX OBSERVER

For 20 years, Meade's ETX series telescopes have provided novice astronomers quality, value and performance, with each model bringing enhancements and improvements. Designed to be the ideal, ultra-portable telescope, the ETX Observer marries Meade's unsurpassed optics with industry-leading electronics to deliver a truly exceptional viewing experience. The ETX Observer models come in an 80mm refractor, 90mm Maksutov-Cassegrain, or a 125mm Maksutov-Cassegrain optical design. These telescopes feature the AudioStar® handbox controller, which gives you easy access to a 30,000 object database, and includes a built-in speaker that plays educational content about the celestial objects you view!

- 80mm and 90mm feature removable optical tubes
- Compact design for portability without sacrificing quality
- Refractor and Maksutov-Cassegrain optics available
- GoTo telescope
- Power Source: (User-Supplied) Batteries or 12v External Power
- Red-dot viewfinder included to help locate objects in sky

AudiStar™

UHTC™  
ULTRA-HIGH TRANSMISSION COATINGS



## ETX80mm REFRACTOR

## ETX90mm MAK

## ETX125mm MAK



Item Number	205002
Aperture	80mm
Focal Length	400mm (f/5)
Eyepieces	9.7mm(41x) 26mm(15x)
Assembled Weight	11.7 lbs

Item Number	205004
Aperture	90mm
Focal Length	1250mm (f/13.9)
Eyepieces	9.7mm(129x) 26mm(48X)
Assembled Weight	18.9 lbs

Item Number	205005
Aperture	127mm
Focal Length	1900mm (f/15)
Eyepieces	9.7mm(196x) 26mm(73x)
Assembled Weight	25 lbs

# LIGHTBRIDGE™ PLUS

Meade's LightBridge™ Plus Telescopes have a modern, sleek design that incorporates a no-tool assembly build. These telescopes have a large light-gathering capability to provide bright, clear images when viewing deep-space objects such as galaxies, nebulae, planets, and more. The redesigned Dobsonian Base provides improved stability and includes premium features such as roller bearings, a hand-adjustable variable tension brake for smooth and stable movement, and a mounted eyepiece holder that can carry an array of eyepieces for your convenience. Get the aperture you've always wanted and open the doors to a whole new universe with Meade's LightBridge™ Plus.

- Newtonian reflector optics
- Premium red-dot viewfinder
- Open truss design that provides large light-gathering capability
- 2-speed Rack and Pinion focuser
- 2" 26mm Eyepiece
- 2" to 1.25" adapter



## LIGHTBRIDGE™ PLUS 10"



Item Number	204010
Aperture	10 in
Focal Length	1270mm (f/5)
Eyepieces	26mm(48x)
Heaviest Component	40 lbs

## LIGHTBRIDGE™ PLUS 12"



Item Number	204011
Aperture	12 in
Focal Length	1524mm (f/5)
Eyepieces	26mm(58x)
Heaviest Component	45 lbs

## LIGHTBRIDGE™ PLUS 16"



Item Number	204012
Aperture	16 in
Focal Length	1829mm (f/4.5)
Eyepieces	26mm(70x)
Heaviest Component	72 lbs

# LX65

At Meade, we believe the universe should be accessible at a moment's notice! The LX65 features a compact and sturdy, single arm mount with Meade's AudioStar® hand controller, which provides a great combination of portability and performance. This telescope combines a sophisticated level of advanced features and premium optics all in an easy-to-use telescope system. Additionally, the LX65 includes two dovetail receivers giving it the ability to hold two optical tubes, making your experience twice as enjoyable! With its quick and portable setup, you're ready to start observing in minutes. Attach a range of different OTAs to this mount for a chance to observe your objects both in wide field or close up. This added versatility makes the LX65 great for community outreach and will be sure to impress anyone with its technology and optics.

- Single arm alt-azimuth mount with ability to hold two OTAs
- Built-in handle for easy portability
- GoTo telescope – great for astronomy outreach
- Red-dot viewfinder included to help easily locate objects in the night sky
- Power Source: (User-Supplied) Batteries or 12v External Power
- Mount & bundle options available



AudiStar



UHTC  
ULTRA-HIGH TRANSMISSION COATINGS



# THE LX65

Combining a sophisticated level of performance, the LX65 Series gives quality features and Meade's legendary optics with a price tag designed to work for most budgets. Whether you're new to astronomy or an experienced pro, it's a great choice for your first serious telescope, offering exceptional features for a great price!

The LX65 is available in 4 different models, a 5" and 6" Maksutov-Cassegrain, and a 6" and 8" Advanced Coma-Free (ACF™) optical system. These optical tubes feature large apertures coupled with Meade's Ultra-High Transmission Coatings (UHTC™), giving you the ultimate in premium optics. The LX65 is an ideal high-resolution visual observing instrument, but is also fully qualified for the more advanced areas of astronomy, including planetary astrophotography. Observe Saturn's rings, the surface of the Moon, and even the cloud bands on Jupiter in great detail. Want to see deep-sky objects? Head to your favorite dark-sky location and you'll see galaxies, star clusters, and more! For the truly discerning astronomer who will not be satisfied with anything but the very best, the ACF™ takes all of the features of traditional telescope models and then ups the ante. With its technologically superior optical design, ACF™ gives a flatter, coma-free field of view free of diffraction spikes and with pinpoint images all the way to the edge of the field, rivaling Ritchey-Chrétien performance at a fraction of the cost. ACF™ is the perfect solution for the serious astro-imager or visual astronomer looking for observatory-class optics.

## SINGLE FORK ARM MOUNT

The LX65 features a single arm mount with Meade's AudioStar® Hand controller. This mount is compact, yet sturdy, providing a great combination of portability and performance. Additionally, the LX65 has the ability to hold two optical tubes, making your experience twice as enjoyable! With its quick and portable setup, you're ready to start observing in minutes. The LX65 system breaks down into 3 compact pieces and does not require any tools, making it a breeze to transport to your favorite dark sky location!

This sturdy mount uses AudioStar®, a database containing over 30,000 objects for you to observe! With a push of a button, let the AudioStar® Astronomer Inside take you on a guided tour of tonight's best objects in the sky! With its built-in speaker, you will be able to learn so much about the objects you're viewing, it's like having an astronomer there with you! Aligning your telescope is simple and straightforward, too. With a simple 2-star alignment procedure, you will be observing the sky in minutes. AudioStar® will find two bright objects and once they are centered in your eyepiece you're ready to go!

This versatile scope features two dovetail receivers that allow you to use two optical tubes at once. Attach up to a 7 lb. OTA on the secondary saddle for a chance to observe your objects both in wide field or close up. This added versatility makes the LX65 great for community outreach or sharing the night sky with others and will be sure to impress anyone with its technology and optics.



Item Number	228000
Dovetail	Vixen-Style on Primary and Secondary Saddle
Power	8 C size batteries or 12v external power (user supplied)
Mount Payload	Max Total Payload Capacity: 21 lbs Primary Saddle: 14 lbs Secondary Saddle: 7 lbs
Assembled Weight	27.2 lbs

# LX65 OPTICAL TUBE ASSEMBLIES

5" MAK



6" MAK



Item Number	228011	228012
Aperture	5" (125mm)	6" (150mm)
Focal Length	1900mm (f/15)	1800mm (f/12)
Weight	7.1 lbs	13 lbs
Eyepieces	1.25" 26mm(73x) Super Plössl Eyepiece	1.25" 26mm(69x) Super Plössl Eyepiece
Accessories	Red-dot Viewfinder, 90° Diagonal (1.25")	Red-dot Viewfinder, 90° Diagonal (1.25")

# LX65 OPTICAL TUBE ASSEMBLIES

6" ACF

8" ACF



Item Number	228013	228014
Aperture	6" (152mm)	8" (203mm)
Focal Length	1524mm (f/10)	2032mm (f/10)
Weight	10.6 lbs	12.1 lbs
Eyepieces	1.25" 26mm(59x) Super Plössl	1.25" 26mm(78x) Super Plössl
Accessories	Red-dot Viewfinder, 90° Diagonal (1.25")	Red-dot Viewfinder, 90° Diagonal (1.25")

### LX65 5" MAK



Item Number	228001
Aperture	5" (127mm)
Focal Length	1900mm (f/15)
Eyepieces	26mm(73x)
Total Weight	25.8 lbs

### LX65 6" MAK



Item Number	228002
Aperture	6" (150mm)
Focal Length	1800mm (f/12)
Eyepieces	26mm(69x)
Total Weight	31.7 lbs

### LX65 6" ACF



Item Number	228003
Aperture	6" (152mm)
Focal Length	1524mm (f/10)
Eyepieces	26mm(58x)
Total Weight	29.3 lbs

### LX65 8" ACF



Item Number	228004
Aperture	8" (203mm)
Focal Length	2032mm (f/10)
Eyepieces	26mm(78x)
Total Weight	30.8 lbs



Built in handle for easy portability



Two Vixen-style saddles



Ability to hold two optical tubes!

\*\*Secondary OTA sold separately

# SERIES 6000 APO REFRACTORS

The Series 6000 Apochromatic Refractors are some of the best crafted refractors on the market. Each refractor is individually constructed and tested to ensure that they meet our highest standards, both optically and mechanically. These telescopes were built with the observer and imager in mind. With the three element optical design using the highest grade extra-low dispersion optical glass, false color is virtually eliminated, yielding astonishing color correction, contrast, and sharpness.

- Fully multi-coated optics for enhanced light transmission
- 2.5" dual-speed rack & pinion focuser with a 10:1 fine focus knob for precise focusing
- Sliding dew shield for enhanced portability
- Vixen-style dovetail with mounting rings
- Aluminum hard carry case to protect your investment



Photo by Richard Keele  
Series 6000 115mm APO

\*\*LX85 Mount and 2" Diagonal  
sold separately.

### SERIES 6000 APO 80mm



Item Number	261001
Aperture	80mm
Focal Length	480mm (f/6)
Assembled Weight	6.9 lbs

### SERIES 6000 APO 115mm



Item Number	261002
Aperture	115mm
Focal Length	805mm (f/7)
Assembled Weight	12.2 lbs

### SERIES 6000 APO 130mm



Item Number	261003
Aperture	130mm
Focal Length	910mm (f/7)
Assembled Weight	17.7 lbs

### APO ACCESSORIES

#### SERIES 6000 50MM GUIDE SCOPE



Item Number	608043
Focal Length	162mm (f/3.2)
Features	Helical focuser and 6-point metal adjustment screws
Product Weight	1.62 lbs

## SERIES 6000 70MM ASTROGRAPH



- 4-element Petzval optical design
- FPL 53 glass
- For imaging use only

Item Number	261000
Aperture	70mm
Focal Length	350mm (f/5)
Optical Coating	Fully Multi-Coated
Assembled Weight	4.5 lbs



Horsehead & Flame Nebula  
Taken with the 70mm Astrograph  
Taken by Jimmy N.

Pleiades | Taken with the Series 6000 115mm APO  
Photos by Richard Keele



Orion | Taken with the Series 6000 115mm APO  
Photos by Richard Keele



Andromeda | Taken with the Series 6000 115mm APO  
Photos by Richard Keele



Comet NEOWISE | Taken with the 70mm Astrograph  
Photo by Jason Ware



# LX85

Meade's new LX85 Series features a high-quality, portable, GoTo, German equatorial mount. The LX85 Series is the perfect choice for the cultivated observer and astro-imager looking to chase deep sky objects such as galaxies, star clusters, nebulae, and more. With the included AudioStar® hand controller, you have easy access to a database of over 30,000 objects, that you can view with a simple press of a button! AudioStar® features a built-in speaker that plays educational content about the celestial objects you view! Use as a stand-alone mount or maximize your viewing potential with an array of different optical tubes to choose from. Meade's LX85 Series will keep you looking up for many years to come and sets a standard for mid-sized telescopes at a great price.

- Available in 9 different configurations, including mount only
- Great for astrophotography and observing
- 9mm and 26mm Super Plössl Eyepieces
- 8x50 viewfinder included
- Power Source: 12v DC Power Cord Included
- Mount & bundle options available

AudiStar®



UHTC  
ULTRA-HIGH TRANSMISSION COATINGS

LX85 also available with  
Series 6000 APOs

- 70mm Astrograph PN: 217010
- 80mm APO PN: 217008
- 115mm APO PN: 217009



LX85 6" ACF  
Photo by Richard Keele

# THE LX85 SERIES

## GOTO MOUNT WITH AUDIOSTAR®

### GERMAN EQ MOUNTS TO GROW AS YOU DO.

Meade's LX85 Series features a high-quality, portable, GoTo, German equatorial mount with AudioStar® Hand box. The LX85 Series is the perfect choice for the cultivated observer and astro-imager looking to chase deep sky objects! Use as a stand-alone mount or maximize your viewing potential with an array of different optical tubes to choose from. Meade's LX85 Series will keep you looking up for many years to come and sets a standard for mid-sized telescopes at a great price.

### GOTO MOUNT WITH AUDIOSTAR®

The LX85 features a Vixen-style dovetail receiver for mounting observing equipment up to 33 lbs., coupled with a sturdy build and low-cog servomotors that ensure smooth tracking performance. This stable mount can impressively handle slight load imbalances with ease. With its built-in integer gearing motor drive, you'll be able to track through long exposures using Meade's Smart Drive feature for recording permanent periodic error correction (PPEC). Seamlessly image the best parts of the night sky without having to worry about performing a meridian flip. The LX85 mount also includes an integrated autoguider port to readily connect to your autoguider camera, making your astro-imaging experience easy and straightforward. If these features weren't already enough, the LX85 is compatible with the Meade Zero-Image Shift Electronic Micro focuser and wired illuminated reticles. With the included AudioStar® hand controller, you have easy access to over 30,000 objects that you can view with a simple press of a button! AudioStars® Astronomer Inside technology features a built-in speaker that plays over four hours of educational content about the celestial objects you view!

### VERSATILE OPTICAL TUBES

With the LX85 series, changing optical tubes is effortless. Whatever your observing style, the LX85 has a scope for you. Choose from a 5" achromatic refractor or a 6" Maskutov-Cassegrain for lunar and planetary viewing, 6" or 8" Newtonian reflector for versatility, or the awesome 6" or 8" ACF™ models for deep sky views. Meade even offers the Series 6000 Apochromatic Refractors paired with this mount. The universe is too grand to be confined to one optical tube! With the easy-to-use vixen-style dovetail, you can now easily swap out your OTA and continue exploring the night sky!

### GROWS WITH YOUR EXPERIENCE

Capable of handling a wide variety of optical tubes and equipment, expandable and upgradable, the Meade LX85 mount is designed for you to rediscover the night sky again and again. Whether you are at a beginner level or you're venturing into astrophotography, the LX85 Series is the portable and reliable mount to grow with your level of experience.



Item Number	217000
Mount Payload	33 lbs
Fully extended measurements	43.5 in
Heaviest Component	12.4 lbs
Assembled Weight	34.1 lbs
Power Source	12VDC included

# LX85 OPTICAL TUBE ASSEMBLIES

5" REFRACTOR

6" REFLECTOR

8" REFLECTOR



Item Number	217020	217021	217022
Aperture	5" (120mm)	6" (150mm)	8" (200mm)
Focal Length	700mm (f/5.8)	750mm (f/5)	1000mm (f/5)
Weight	10.9 lbs	11.4 lbs	18.4 lbs
Eyepieces	9mm(77x) 26mm(26x) 1.25" Super Plössl	9mm(83x) 26mm(28x) 1.25" Super Plössl	9mm(111x) 26mm(38x) 1.25" Super Plössl
Accessories	8x50 Viewfinder, Vixen-style Dovetail, 90° Diagonal (2")	8x50 Viewfinder Vixen-style Dovetail	8x50 Viewfinder Vixen-style Dovetail

# LX85 OPTICAL TUBE ASSEMBLIES

6" MAK

6" ACF

8" ACF



<b>Item Number</b>	217023	217024	217025
<b>Aperture</b>	6" (150mm)	6" (152mm)	8" (203mm)
<b>Focal Length</b>	1800mm (f/12)	1524mm (f/10)	2032mm (f/10)
<b>Weight</b>	12.7 lbs	9.1 lbs	11.5 lbs
<b>Eyepieces</b>	9mm(200x) 26mm(69x) 1.25" Super Plössl	9mm(169x) 26mm(58x) 1.25" Super Plössl	9mm(225x) 26mm(78x) 1.25" Super Plössl
<b>Accessories</b>	8x50 Viewfinder Vixen-style Dovetail	8x50 Viewfinder Vixen-style Dovetail	8x50 Viewfinder Vixen-style Dovetail

### LX85 5" REFRACTOR



Item Number	217001
Aperture	5" (120mm)
Focal Length	700mm (f/5.8)
Eyepieces	9mm(77x) 26mm(26x)
Total Weight	45 lbs

### LX85 6" REFLECTOR



Item Number	217003
Aperture	6" (150mm)
Focal Length	750mm (f/5)
Eyepieces	9mm(83x) 26mm(28x)
Total Weight	45.5 lbs

### LX85 8" REFLECTOR



Item Number	217004
Aperture	8" (200mm)
Focal Length	1000mm (f/5)
Eyepieces	9mm(111x) 26mm(38x)
Total Weight	52.5 lbs

### LX85 6" ACF



Item Number	217005
Aperture	6" (152mm)
Focal Length	1524mm (f/10)
Eyepieces	9mm(169x) 26mm(58x)
Total Weight	45.5 lbs

### LX85 8" ACF



Item Number	217006
Aperture	8" (203mm)
Focal Length	2032mm (f/10)
Eyepieces	9mm(225x) 26mm(78x)
Total Weight	56 lbs

### LX85 6" MAK



Item Number	217002
Aperture	6" (150mm)
Focal Length	1800mm (f/12)
Eyepieces	9mm(200x) 26mm(69x)
Total Weight	47 lbs



115 APO on LX85 Mount  
LPI-G Advanced & 2" Diagonal sold  
separately. Photo by Richard Keele



Sagittarius Trio  
80mm APO using the DSI-IV on LX85 Mount  
Photo by Bryan Cogdell



M51 Luminance  
using the DSI-IV on LX85 Mount  
Photo by Bryan Cogdell



SMIII and DSI-IV on LX85 Mount  
Photo by Richard Keele

# LX90 SERIES



Meade's LX90 ACF is a favorite of astronomers making the jump to their first, serious, large aperture telescope. Long after they have read the reviews, compared specifications, visited the blogs and talked to wizened astronomers, all roads point to the LX90. Performance, quality, value and ease of use are the hallmarks of a great telescope. With features like AudioStar®, to help control the telescope to find and track any of over 30,000 celestial objects automatically and built-in GPS, the LX90 is sure to live up to it's name.

- f/10 optical design for higher magnifications
- Built-in GPS for accurate system date and time
- Heavy-duty standard field tripod
- Series 4000 Meade 26mm Super Plössl eyepiece
- 8x50 viewfinder included
- Optional AC adapter available
- Power Source: (User-Supplied) Batteries or 12v External Power



AudiStar™



UHTC  
ULTRA-HIGH TRANSMISSION COATINGS

## The LX90 with ACF™ Optics

Meade's LX90 ACF™ is a favorite of astronomers making the jump to their first, serious, large aperture telescope. Long after they have read the reviews, compared specifications, visited the blogs and talked to wizened astronomers, all roads point to the LX90. Performance, quality, value and ease of use are the hallmarks of a great telescope.

### ADVANCED COMA-FREE OPTICS

The LX90-ACF™ comes in a complete line of OTA apertures, from 8 inch to 12 inch. All sizes come with the Meade proprietary Advanced Coma-Free optical system bringing the highest level of optical performance within the reach of most amateurs. Using the Meade-exclusive design, ACF™ optics achieve aplanatic performance — with a flatter field, reduced astigmatism and eliminated diffraction spikes — equal to Ritchey Chrétien systems, at a fraction of the price. Coupled with Meade's Ultra-High Transmission Coatings (standard on all LX90-ACF™ systems), you have the ultimate in premium optics.

### AUDIOSTAR® CONTROLLER WITH ASTRONOMER INSIDE

Meade's AudioStar® controls the telescope to find and track any of over 30,000 celestial objects automatically. Share the wonders of the universe with friends and family as they listen to audio content through its built-in speaker. Astronomer Inside™ plays over 4 hours of audio content, bringing the cosmos to life. Don't know what's up in tonight's sky? Astronomer Inside™ does; listen as it takes you on a tour of the night's best celestial objects.

### BUILT IN GPS

The LX90-ACF's built in GPS sensor precisely provides the time, date and location, allowing for a quick assisted alignment on the night sky.



Andromeda Galaxy  
Taken with the LX90 ACF 10"  
Photo by Tim Fx

## LX90 8"



Item Number	0810-90-03
Aperture	8 in
Focal Length	2000mm (f/10)
Eyepiece	26mm(77x)
Heaviest Component	33 lbs

## LX90 10"



Item Number	1010-90-03
Aperture	10 in
Focal Length	2500mm (f/10)
Eyepiece	26mm(96x)
Heaviest Component	50 lbs

## LX90 12"



Item Number	1210-90-03
Aperture	12 in
Focal Length	3048mm (f/10)
Eyepiece	26mm(117x)
Heaviest Component	60 lbs



Taken with the LX90 10"  
Photo by Tim FX



LX90 10"  
Photo by Tim FX



Centaurus A  
Taken with the LX90 8"  
Photo by Robert Sanchez Alvarado



M42  
LX90 ACF 10"  
Photo by Tim FX

# LX200 SERIES

The LX200 brings Advanced Coma-Free (ACF™) optics within reach of aspiring astronomers everywhere. Now you can own similar optics to what the professionals use. The LX200 includes all the field-proven features including GPS, Primary Mirror Lock, Oversized Primary Mirror, Smart Drive™, Smart Mount™, AutoStar® II, Level-North Technology, and more. Superb ACF™ optical performance coupled with time proven computerized pointing and tracking has made the LX200 Series a best-seller in the observatory class line of telescopes.

- f/10 optical design for higher magnifications
- Heavy duty fork mount for added rigidity
- Series 4000 26mm Plössl eyepiece
- High-end features like primary mirror lock & large worm-gear drives
- 8x50 viewfinder included
- Power Source: (User-Supplied) Batteries or 12v External Power



AutoStar® II

UHTC™  
ULTRA-HIGH TRANSMISSION COATINGS

SMART DRIVE™ SMART MOUNT™



LX200 | 2" Diagonal Mirror and MWA Eyepiece sold separately  
Photo by Jan Lauer

## THE LX200 WITH ACF™ OPTICS

### THE MOST WIDELY USED, RESEARCH-GRADE, TELESCOPE SYSTEM.

Meade's LX200-ACF™ brings Advanced Coma-Free (ACF™) optics within reach of aspiring astronomers everywhere. Nearly every observatory reflector in the world uses an aplanatic (coma-free) optical system like the Ritchey-Chrétien (RC), including NASA's Hubble Space Telescope. Now you can own similar optics to what the professionals use. The LX200-ACF includes all the field-proven features of the LX200 including GPS, Primary Mirror Lock, Oversized Primary Mirror, SmartDrive™, Smart Mount™, AutoStar® II and more.

### ADVANCED COMA-FREE OPTICS

The LX200-ACF™ comes in a complete line of OTA apertures, from 8-inch to 16-inch. All sizes come with the Meade proprietary Advanced Coma-Free optical system bringing the highest level of optical performance within the reach of most amateurs. Using the Meade exclusive design, ACF™ optics achieve aplanatic performance — with a flatter field, reduced astigmatism and eliminated diffractions spikes — equal to Ritchey-Chrétien systems, at a fraction of the price. Coupled with Meade's Ultra-High Transmission Coatings (standard on all LX200-ACF™ systems), you have the ultimate in premium optics.

## HIGH-END FEATURES

Sitting atop an ultra-stable tripod and mount, the LX200-ACF™ combines an amazing array of features: Primary Mirror Lock to eliminate focus and mirror shift during long exposures; large, high-quality worm-gear drives in both axes to provide extraordinarily smooth movement, and; Smart Mount and Smart Drive, delivering Permanent Periodic Error Correction (critical for long exposure astrophotography).

The LX200-ACF™ also comes with the AutoStar® II handbox controller which puts over 144,000 objects at your fingertips and delivers the fastest GoTo performance available. This simple to use handbox provides complete control over every aspect of the telescope's operation. You can even control the system from an external computer with supplied or third party software.

## THE BENCHMARK

Meade's LX200-ACF™ is the most widely used advanced amateur telescope on Earth, and for good reason. It combines the most sophisticated optical system available with rock-solid mechanical and electronic elements to create the most versatile astronomical system available.

### LX200 ACF 8"



Item Number	0810-60-03
Aperture	8 in
Focal Length	2000mm (f/10)
Eyepiece	26mm(77x)
Heaviest Component	54 lbs

### LX200 ACF 10"



Item Number	1010-60-03
Aperture	10 in
Focal Length	2500mm (f/10)
Eyepiece	26mm(96x)
Heaviest Component	69 lbs

### LX200 ACF 12"



Item Number	1210-60-03
Aperture	12 in
Focal Length	3048mm (f/10)
Eyepiece	26mm(117x)
Heaviest Component	83 lbs

### LX200 ACF 14"



Item Number	1410-60-03
Aperture	14 in
Focal Length	3556mm (f/10)
Eyepiece	26mm(137x)
Heaviest Component	105 lbs

### LX200 ACF 16"



16" Includes:  
2" Enhanced Diagonal and  
Zero-image shift Electric Focuser

Item Number	1610-60-02
Aperture	16 in
Focal Length	4064mm (f/10)
Eyepiece	26mm(156x)
Heaviest Component	125 lbs



LX200 14 inch  
Photo by S. Nathalie



Florida Institute



LX200 12 inch  
Greg McKay



M13 Globular Cluster | LX200  
Photo by Jason Ware



LX600 with StarLock  
X-Wedge sold separately  
Photo by Dennis di Cicco

# LX600 SERIES

Meade's remarkable LX600 is an easy to operate photographic platform which eliminates the most challenging parts of taking great astro-photos. With the revolutionary Starlock™ technology you no longer have to select guide stars, determine calibration settings or know how to perform high precision drift-alignments. Starlock™ reduces the burden so you can enjoy imaging the night sky.

- Fast f/8 optical design for wider fields of view
- Two-speed Crayford-style zero-image shift focuser
- Detachable OTA for easier setup and transport
- Ultra-high precision pointing using Starlock™ technology
- 8x50 viewfinder included
- Power Source: (User-Supplied) Batteries or 12v DC Power Supply

**UHTC**  
ULTRA-HIGH TRANSMISSION COATINGS

**STARLOCK**

AutoStar II



**SMART DRIVE**™ **SMART MOUNT**™

## THE LX600 WITH STARLOCK™

Easier to use. Easier to move. Only from Meade.

Meade's LX600 Series Telescopes with Starlock™, take a giant leap forward by making astro-imaging, setup, and transportation easier.

### FASTER, SHARPER OPTICAL SYSTEM

The LX600 employs a fast f/8 ACF™ optical system with Ultra-High Transmission Coatings for maximum image brightness and contrast, resulting in shorter exposure times for astroimaging. The LX600 is available in 10, 12, 14, and 16inch apertures. The OTA features an internal Crayford-style, zero image-shift focusing system with a two-speed, 7:1 control.

### PORTABILITY & TRANSPORTATION

Need a telescope system that can be disassembled and moved to a dark-sky site? With the LX600 split fork design, you can have both. The OTA can be separated from the mount, reducing the total weight that must be lifted at one time by 35 lb. This allows for easier setup and transportation even with a 14" OTA.



## STARLOCK™ — FULL-TIME AUTOMATIC GUIDING

StarLock™ is the revolutionary technology that makes target acquisition on your imaging sensor and accurate guiding during exposures completely automatic. StarLock™ uses an 80mm f/5 optic and a super wide-angle lens in a two-camera system. This system automatically finds your target in high-precision, immediately captures a field star as dim as 11th magnitude and then guides to an accuracy of one arcsecond. There's no need for a separate guider or computer and the StarLock™ requires no user focusing or guide star selection. StarLock™ automatically programs permanent periodic error correction and then corrects for any other errors down to virtually zero.

The LX600 series comes fully equipped with advanced features such as AutoStar™ II keypad with 144,000 object library, built in GPS, Level North Technology, assisted drift align and more. The LX600 Telescope: Easier to use, easier to move. Only from Meade.



### LX600 10"

### LX600 12"

### LX600 14"

### LX600 16"

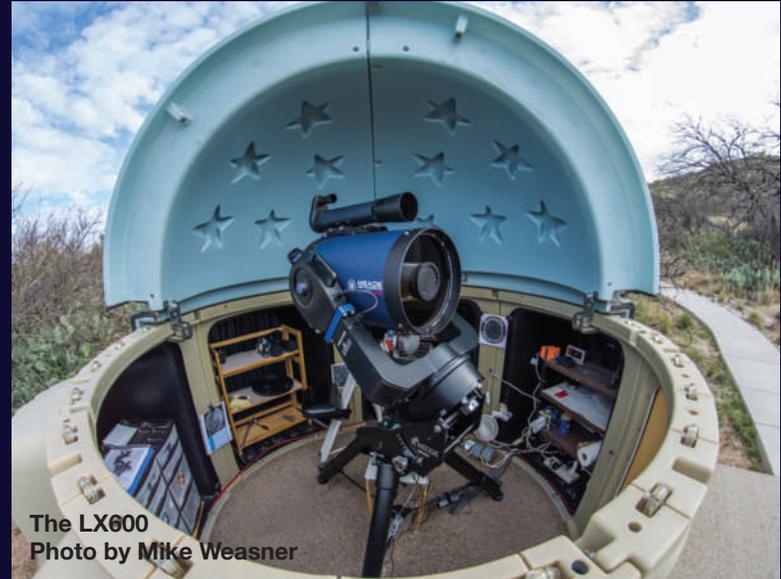
16" Includes: 2" Enhanced Diagonal and Zero-image shift Electric Focuser



Item Number	1008-70-01	208-70-01	1408-70-01	1608-70-03
Aperture	10 in	12 in	14 in	16 in
Focal Length	2032mm (f/8)	2438mm (f/8)	2845mm (f/8)	3251mm (f/8)
Eyepieces	26mm(78x)	26mm(93x)	26mm(109x)	MWA 100° 2" 21mm(155x)
Heaviest Component	48 lbs	50 lbs	54 lbs	TBD



**Eagle Nebula**  
Taken with the LX600  
Photo by Mike Weasner



**The LX600**  
Photo by Mike Weasner



**Dumbbell Nebula**  
Meade Customer  
Taken with the LX600 10"



**Omega Centauri**  
Taken with the LX600  
Photo by Mike Weasner

# LX850 SERIES

Meade engineers have taken the next step in astrophotographic evolution. The LX850 combines innovative concepts like Starlock™ full-time automatic guiding, ultra-high precision pointing, ACF™ optics, internal Crayford-style two-speed focuser, and a portable precision German equatorial mount. Meade's fast f/8 ACF™ optical system with high contrast baffling ensures crisp images and coma-free field. With the LX850, you now have the complete package!

- Fast f/8 Optics
- Low periodic error and Permanent PEC
- Zero Image-Shift Electronic Micro-Focuser
- German EQ Mount has a 90 lb payload capacity
- 8x50 viewfinder Included
- Power Source: 12v DC Power Supply Included

**UHTC**  
ULTRA HIGH TRANSMISSION COATINGS



**STARLOCK**

AutoStar II

**SMART DRIVE**™ **SMART MOUNT**™



## THE LX850 WITH STARLOCK™

### A SMARTER TELESCOPE SYSTEM. ONLY FROM MEADE.

Drawing on over 40 years of experience and innovation, Meade Instruments introduces the latest in a long line of advanced astronomical products: the LX850. Using revolutionary technology, every aspect of this amazing telescope system has been designed to deliver the highest standard in astrophotography and visual performance.

### FASTER, SHARPER OPTICAL SYSTEM

The LX850 employs a fast f/8 ACF™ optical system with high-contrast baffling that assures images and coma-free field. This OTA features an internal Crayford-style, zero image-shift focusing system with a two-speed, 7:1 control.

### PRECISION MACHINED, SOLID GERMAN EQUATORIAL MOUNT

Constructed of machined stainless steel and aircraft grade aluminum, the LX850 mount presents a rock-solid platform with precision bearings on both axes and a 1.75" stainless steel R.A. shaft. Its .68" diameter brass worms and 5.8" diameter, 225-tooth aluminum gears deliver smooth, precise movement with up to a 90 pound instrument load. A fully-computerized GoTo mount with GPS, the LX850 comes with a database of over 144,000 objects. All this set atop a super-stable tripod.

## STARLOCK™ — FULL-TIME AUTOMATIC GUIDING

StarLock™ is the revolutionary technology that makes target acquisition on your imaging sensor and accurate guiding during exposures completely automatic. StarLock™ uses an 80mm f/5 optic and a super wide-angle lens in a two camera system that automatically finds your target in high-precision, immediately captures a field star as dim as 11th magnitude and then guides to an accuracy of one arcsecond. There's no need for a separate guide or computer and the StarLock™ requires no user focusing or guide star selection. StarLock™ automatically programs periodic error correction and then corrects for any other errors down to virtually zero.

With the combination of the finest optics, a robust German equatorial mount and the revolutionary StarLock™ system, the LX850 is the smartest and most complete astro-imaging solution available.



## LX850 ACF 10"

LX850 German  
Equatorial Mount with  
130 APO, Starlock™ &  
Tripod. PN: 0130-85-01

LX850 German  
Equatorial Mount with  
Starlock™ & Tripod  
also sold as mount  
only. PN: 37-0850-00



Item Number	1008-85-01
Aperture	10 in
Focal Length	2032mm (f/8)
Eyepieces	25mm(81x)
Heaviest Component	60 lbs

## LX850 ACF 12"



Item Number	1208-85-01
Aperture	12 in
Focal Length	2438mm (f/8)
Eyepieces	25mm(98x)
Heaviest Component	60 lbs

## LX850 ACF 14"



Item Number	1408-85-01
Aperture	14 in
Focal Length	2845mm (f/8)
Eyepieces	25mm(114x)
Heaviest Component	63 lbs



**M45**  
Taken with the LX850 mount ED 130 APO  
Photo by Andrew Santangelo



**NGC 6188**  
Taken with the LX850 12"  
Photo by Fabian Rodriguez



**Lagoon Nebula**  
Taken with LX850 14 inch  
Photo By Jason Ware



**M81**  
Taken with the LX850 14"  
Photo by Jason Ware

# OPTICAL TUBE ASSEMBLIES

8" ACF f/10



10" ACF f/10



12" ACF f/10



Item Number	0810-60-01	1010-60-01	1210-60-01
Aperture	8 in	10 in	12 in
Focal Length	2000mm (f/10)	2500mm (f/10)	3048mm (f/10)
Weight	14 lbs	26 lbs	35 lbs

14" ACF f/10



16" ACF f/10



Item Number	1410-60-01	1610-60-01
Aperture	14 in	16 in
Focal Length	3556mm (f/10)	4064mm (f/10)
Weight	57 lbs	67 lbs

# OPTICAL TUBE ASSEMBLIES

**10" ACF f/8**



**12" ACF f/8**



Item Number	1008-80-01	1208-80-01
Aperture	10 in	12 in
Focal Length	2032mm (f/8)	2438mm (f/8)
Weight	33 lbs	56 lbs

**14" ACF f/8**

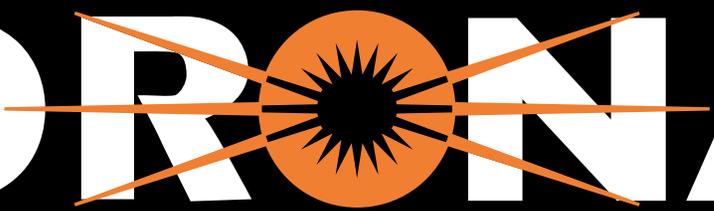


**16" ACF f/8**

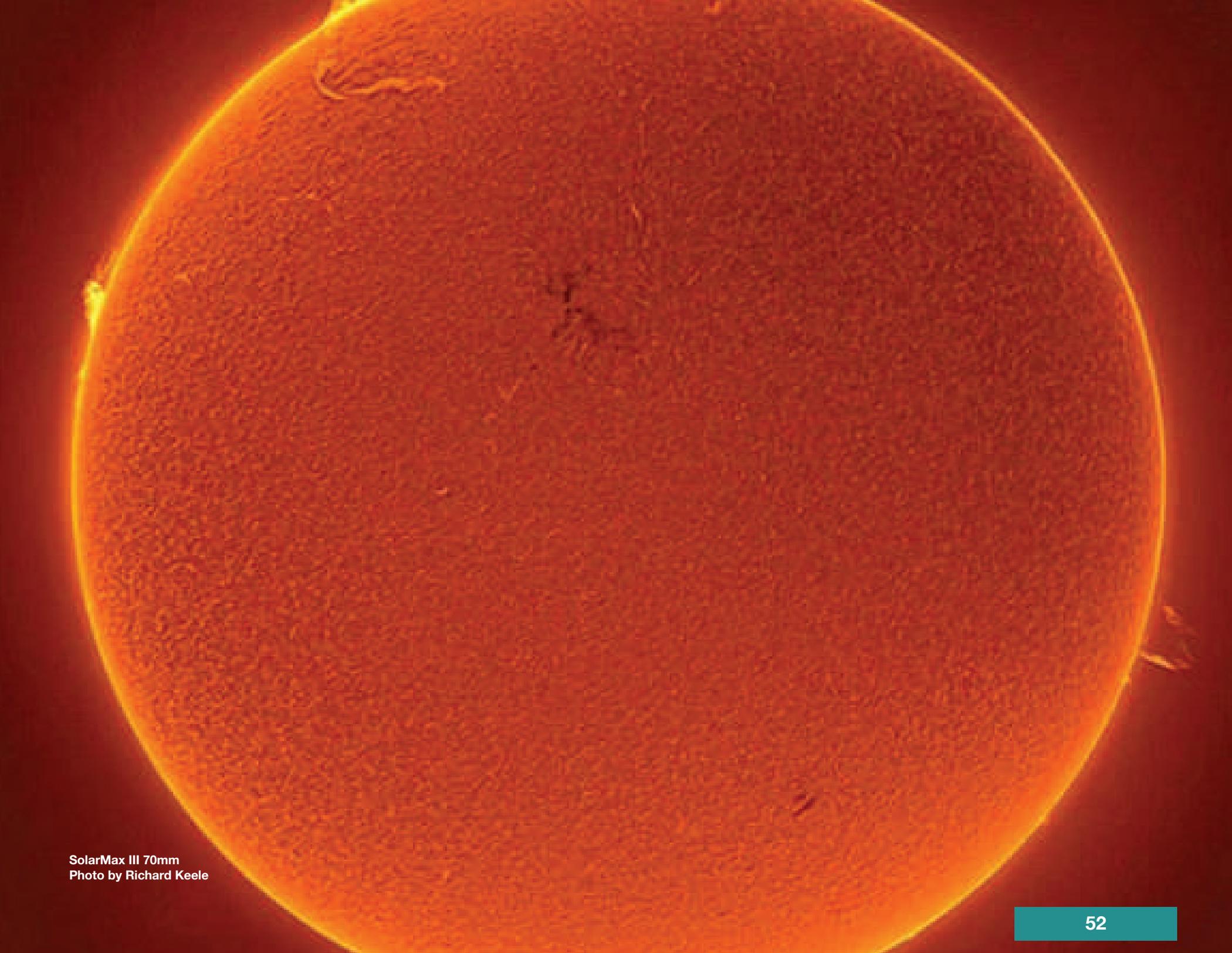


Item Number	1408-80-01	1608-80-01
Aperture	14 in	16 in
Focal Length	2845mm (f/8)	3251mm (f/8)
Weight	63 lbs	66 lbs

**CORONADO<sup>®</sup>**

The logo for CORONADO features the word in a bold, white, sans-serif font. The letter 'O' in the middle is replaced by a stylized sun with a black center and radiating lines. Overlaid on the sun and the letters 'R' and 'N' are several orange lines that form a telescope-like structure, with a horizontal line passing through the center of the sun.

**THE ULTIMATE IN SOLAR OBSERVATION**



SolarMax III 70mm  
Photo by Richard Keele

# PERSONAL SOLAR TELESCOPE (P.S.T.)

The Personal Solar Telescope (P.S.T.) is a Coronado® innovation, the world's most popular telescope to observe the Sun. This 40mm diameter, highly portable, dedicated solar telescope features completely internal, non-removable, and safe solar filtering optics with a Hydrogen-alpha (H- $\alpha$ ) bandpass for viewing the detailed solar features. The P.S.T. will show you the dynamic, ever changing prominences at the edges of the Sun as well as the filaments and other surface details in amazing detail, all in the brilliant and distinctive red color of Hydrogen-alpha.

- Tuneable Solar Telescope with internal etalon filter
- Integrated Sol-Ranger Sun finder allows you to easily and safely locate the Sun
- Single Stack PST: In its native form with one solar etalon filter, the P.S.T. has a 1 Angstrom bandpass ideal for viewing prominences on the solar limb
- Double Stack PST: Add a second solar etalon filter, the P.S.T. has a 0.5 Angstrom bandpass ideal for viewing features on the solar disk
- 18mm Plössl Eyepiece
- Attaches by a standard  $\frac{1}{4}$ -20 thread
- Lightweight and portable

\*shown on optional AZ mount



## P.S.T. 40mm SINGLE STACKED



Item Number	PST
Aperture	40mm
Focal Length	400mm
Blocking Filter	5mm, built in
Eyepiece	18mm(22x)
Assembled Weight	3.2 lbs

## P.S.T. 40mm DOUBLE STACKED

\*\*Both models shown on optional Coronado® AZS Mount



Item Number	0.5 PST
Aperture	40mm
Focal Length	400mm
Blocking Filter	5mm, built in
Eyepiece	18mm(22x)
Assembled Weight	3.5 lbs

# SOLARMAX® III

Coronado® SolarMax® III 70mm & 90mm Hydrogen – alpha (H- $\alpha$ ) Solar Telescopes! Available in both single-stacked (<math><0.7\text{\AA}</math>) and double-stacked (<math><0.5\text{\AA}</math>). What makes the SMIII stand out? The SMIII has a new two-speed rack & pinion focuser which creates a more user-friendly interaction with the telescope. The two-speed, 2" focuser has both coarse and fine focus controls allowing the user to get a more precise focus, critical for both solar imaging and visual observing. Additionally, the SMIII includes only external "True" H- $\alpha$  etalon filters giving higher contrast views and sharper features compared with models using smaller internal H- $\alpha$  etalon designs. Experience darker backgrounds, sharper features, and higher contrast with the SolarMax® III series telescope.

- Patented RichView™ Tuning System
- Two-Speed Rack & Pinion Focuser
- External "True" H- $\alpha$  etalon filters giving higher contrast views and sharper features
- Available in both single-stacked (<math><0.7\text{\AA}</math>) and double-stacked (<math><0.5\text{\AA}</math>) bandpasses and either 10mm, 15mm or 30mm blocking filters.
- Includes mounting rings, Cemax eyepiece(s), Sol-Ranger solar finder and hard carry case.

\*shown on optional EQS mount



Included black and gold hard carry case



### SOLARMAX® III 70MM SINGLE-STACKED



Item Number - 324003: 10mm blocking filter  
 Item Number - 324005: 15mm blocking filter



### SOLARMAX® III 70MM DOUBLE-STACKED



Item Number - 324004: 10mm blocking filter  
 Item Number - 324006: 15mm blocking filter

<b>Bandwidth</b>	<0.7Å
<b>Aperture</b>	70mm
<b>Focal Length</b>	400mm (f/5.7)
<b>Eyepiece</b>	CEMAX 18mm(22x)
<b>Assembled Weight</b>	7.6 lbs

<b>Bandwidth</b>	<0.5Å
<b>Aperture</b>	70mm
<b>Focal Length</b>	400mm (f/5.7)
<b>Eyepiece</b>	CEMAX 18mm(22x)
<b>Assembled Weight</b>	9.3 lbs

**SOLARMAX® III 90MM SINGLE-STACKED**



Item Number - 324011: 15mm blocking filter  
 Item Number - 324013: 30mm blocking filter



**SOLARMAX® III 90MM DOUBLE-STACKED**



Item Number - 324012: 15mm blocking filter  
 Item Number - 324014: 30mm blocking filter

<b>Bandwidth</b>	<0.7Å
<b>Aperture</b>	90mm
<b>Focal Length</b>	800mm (f/8.9)
<b>Eyepiece</b>	CEMAX 12mm(66x) 18mm(44x) 25mm(32x)
<b>Assembled Weight</b>	17.5 lbs

<b>Bandwidth</b>	<0.5Å
<b>Aperture</b>	90mm
<b>Focal Length</b>	800mm (f/8.9)
<b>Eyepiece</b>	CEMAX 12mm(66x) 18mm(44x) 25mm(32x)
<b>Assembled Weight</b>	21.6 lbs

# CORONADO® SOLAR IMAGES GALLERY



Photo by Mick Nicolls  
P.S.T. DS



Photo by Simon T. SolarMax III





## CAMERAS & PHOTOGRAPHY ACCESSORIES

---

Taking images of objects in the sky has never been so easy! Meade offers a variety of imaging accessories from beginner to advanced, including cameras, wedges, and adapters! Meade's line of cameras and photography accessories are everything you need to venture into the hobby of astro-imaging!

---

- [DSI-IV](#)
- [LPI-G Advanced](#)
- [LPI-G](#)
- [Meade's LPI-G and DSI-IV Images Gallery](#)
- [Power Supplies](#)
- [Wedges](#)
- [Additional Photography Accessories](#)

# DEEP SKY IMAGER – IV



The acclaimed Deep Sky Imager (DSI) camera series is more advanced than ever. Equipped with a 16MP Panasonic CMOS image sensor, regulated two-stage thermoelectric cooler, and 3.8 $\mu$ m pixels, the new DSI IV is the ideal camera for all of your astrophotography pursuits. The low-noise, high-resolution and fast USB 3.0 readout make this camera suitable for both deep-sky and planetary imaging, making it one of the most versatile astronomy cameras available.

	COLOR	MONOCHROME
Item Number:	633001	633002
Pixels	16 Megapixels	16 Megapixels
Pixel Size	3.8 $\mu$ m x 3.8 $\mu$ m	3.8 $\mu$ m x 3.8 $\mu$ m
Frames per second	23 Frames Per Second at Full Resolution	23 Frames Per Second at Full Resolution
Image/Video Format:	JPEG, BITMAP, FITS/ SER, AVI	JPEG, BITMAP, FITS/ SER, AVI
Driver	ASCOM Compatible	ASCOM Compatible
Sensor	Panasonic MN34230PLJ	Panasonic MN34230
Sensor Dimensions	4/3“(21.9mm diagonal) (17.6mm L x 13.3mm W)	4/3“(21.9mm diagonal) (17.6mm L x 13.3mm W)
Accessories	High-speed USB 3.0 cable, AC Adapter, Hard Carry Case	High-speed USB 3.0 cable, AC Adapter, Hard Carry Case

# LUNAR, PLANETARY IMAGER AND GUIDER (LPI-G) ADVANCED

Meade's Advanced Lunar, Planetary Imager and Guider! This 14-bit camera allows for increased dynamic range allowing the user to experience the universe like never before! The LPI-G Advanced features a large image sensor along with a high pixel count that allows for increased resolution, making it ideal for planets and solar imaging!



Item Number	645003 (color)	645004 (monochrome)
Pixels	6.3 Megapixels (3072 x 2048)	
Pixels Size	2.4 x 2.4 Microns	
Frames per second	59 fps at full resolution	
Image & Video Format	JPEG, BITMAP, FITS, SER, AVI	
Driver	ASCOM Compatible	
Sensor	Sony IMX178 CMOS	
Sensor dimensions	1 / 1.8 inch (7.4mm x 4.9mm)	
Accessories	USB 2.0/3.0 cable, ST-4 guide cable (2.0m), and a C-mount and a 1.25" nosepiece	

# LUNAR, PLANETARY IMAGER AND GUIDER (LPI-G)

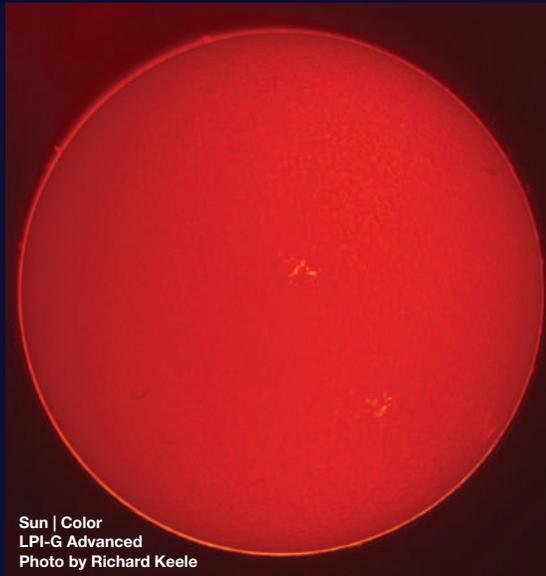


## UNLEASH THE ASTROPHOTOGRAPHER IN YOU!

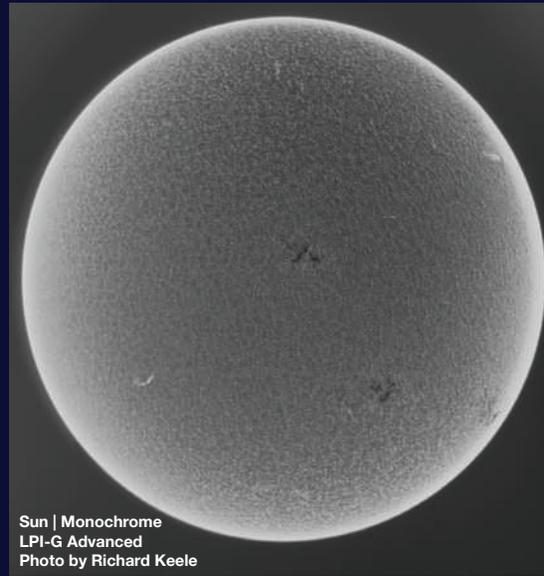
The LPI-G is an excellent 12-bit camera for auto-guiding and solar system astrophotography. With our solar, lunar and planetary guide camera, experience the universe on a whole new level. Lightweight and portable, the LPI-G also includes USB cable, ST-4 guide cable, ASCOM drivers, and SkyCapture Imaging software.

Item Number	645001 (color)	645002 (monochrome)
Pixels	1.2 Mega Pixels (1280x960)	
Pixels Size	3.75 x 3.75 Microns	
Frames per second/Resolution	•28@1280x960 •30@640x480	
Image & Video Format	JPEG, FITS, BMP, SER, AVI	
Driver	ASCOM Compatible	
Sensor	CMOS AR0130 image sensor (available in color or monochrome)	
Sensor dimensions	1/3 inch (4.8mm x 3.6mm)	
Accessories	USB 2.0 cable, ST-4 guide cable (2.0m), and a C-mount and a 1.25" nosepiece	

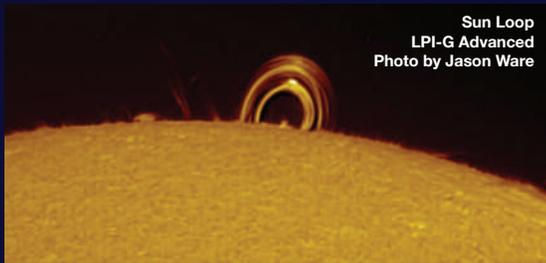
# MEADE'S LPI-G AND DSI-IV IMAGES GALLERY



Sun | Color  
LPI-G Advanced  
Photo by Richard Keele



Sun | Monochrome  
LPI-G Advanced  
Photo by Richard Keele



Sun Loop  
LPI-G Advanced  
Photo by Jason Ware



Saturn  
LPI-G Advanced  
Photo by Jason Ware



Dumbbell Nebula  
Guided with LPI-G  
Photo by Will Burns



LPIG-Advanced with 115 APO  
Photo by Richard Keele

# MEADE'S LPI-G AND DSI-IV IMAGES GALLERY



# POWER SUPPLIES

## LXPS18 PORTABLE POWER SUPPLY



- Portable 222 watt-hour rechargeable lithium-Ion battery
- Power 12vDC equipment & charge multiple devices simultaneously
- Intergrated 100W AC inverter
- Multiple USB & USB-C Ports with quick charge
- Multi-safety protections including: Over-charge proof, over-discharge proof, over-current proof, over-power proof and short-circuit proof

Item Number	606004
Capacity	222 watt-hour (18.5 amp-hour at 12V)
Accessories	AC Adapter, Cigarette Lighter Adapter, Car Charger Cable, 4m Meade DC Power Cable
Weight	4.6 lbs
Dimensions	8.4" x 6.6" x 2.0"

## LXPS18 PORTABLE SOLAR CHARGER



Meade's LXPS 18 Portable Solar Charger is rugged, lightweight and powerful. This solar panel is designed for the adventurer, camper, and mobile telescope user - allowing you to charge your Meade LXPS 18 Lithium power supply in the field during extended observing sessions.

- 
- Compatible with LXPS 18 Lithium Portable Power Supply only
  - 4-panel foldable design (12.5W per panel)
  - Maximum Power: 50W

Item Number	606006
Cell Type	Monocrystalline
Cell Efficiency (%)	18.4%
Weight	5.7 lbs
Dimensions	Folded: 14" x 11.4 x 1" Unfolded: 54" x 14" x 0.2"

# WEDGES

## 8" EQUATORIAL WEDGE



Item Number 07002

For 8" LX90/LX200 telescopes. Latitude range 15 to 64 degrees. LX90 telescopes require the LX90 Wedge Adapter Plate (07389).

## X-WEDGE



Item Number 07028

Ultra-stable machined aluminum wedge for 8", 10", 12", & 14" LX200 and LX600 Telescopes. Latitude range 25 to 65 degrees.

# ADDITIONAL PHOTOGRAPHY ACCESSORIES

For the astronomer venturing into astrophotography, to the experienced photographer looking for something to add their collection. Meade carries a variety of photography accessories



SMART PHONE ADAPTER  
\*\*SMART PHONE NOT INCLUDED

## ITEM NUMBER ADAPTERS AND MORE

608007	SMART PHONE ADAPTER
07378	NIKON T-MOUNT
07384	CANON EOS T-MOUNT
07363	#64 T-ADAPTER FOR PHOTOGRAPHY WITH ETX-90 AND ETX-125
07366	#64ST ADAPTER FOR PHOTOGRAPHY WITH ETX-60, ETX-70 AND ETX-80 MODELS
07352	#62 T-ADAPTER
07356	BASIC CAMERA ADAPTER (1.25")

# ADDITIONAL PHOTOGRAPHY ACCESSORIES

(CONTINUED)

BAHTINOV FOCUSING MASK



608015 1.25" IMAGING COLOR FILTER LRGB SET

608016 2" IMAGING COLOR FILTER LRGB SET

07530 SERIES 4000 COLOR FILTER SET #1

07531 SERIES 4000 MOON FILTER: ND96

07544 SERIES 4000 #3200 LUNAR AND PLANETARY COLOR FILTER SET

04530 DEEP SKY IMAGER RGB COLOR FILTER SET FOR USE W/ DSI PRO

04531 DEEP SKY IMAGER FAN - FOR ALL MEADE DSI II MODELS

07361 VARIABLE PROJECTION CAMERA ADAPTER (1.25")

07348 VARIABLE PROJECTION TELE-EXTENDER

**BAHTINOV FOCUSING MASK**

ITEM NUMBER

608020 8 INCH (fit range: 215mm - 260mm)

608021 10 INCH (fit range: 250mm - 300mm)

608022 12 INCH (fit range: 290mm - 350mm)



# MEADE® & CORONADO® ACCESSORIES

---

Meade has the perfect products to accessorize your telescope! Great items for star parties or backyard astronomy! Find anything from premium eyepieces to smart phone adapters and planetary cameras. Meade has an array of accessories for your astronomy needs!

---

- Eyepieces and Eyepiece Kits
- White-Light Accessories
- Coronado Accessories
- General Accessories

Photo by Richard Keele

## SERIES 5000 ULTRA-HIGH DEFINITION (UHD) EYEPIECES



Our Ultra-High Definition (UHD) Eyepieces offer a very wide field-of-view with pinpoint edge-of-field sharpness. The latest additions in Meade's Series 5000 Eyepiece lineup offers a fully multi-coated optical design with premium-grade optical glass for the best possible image correction. The blackened lens edges provide enhanced contrast and help to reduce reflections while the parfocal design delivers little-to-no focus change when switching between eyepieces. With a generous eye relief, enjoy a comfortable observing experience.

UHD eyepieces deliver a noticeable improvement in both field of view and off-axis optical performance over traditional Plössls. With fully multi-coated optics, you can observe your favorite celestial objects in a new and improved view.

	10mm	15mm	18mm	24mm	30mm
Item Number	607030	607031	607032	607033	607034
Focal Length	10mm	15mm	18mm	24mm	30mm
Eye Relief	16mm	16mm	20mm	29mm	22mm
AFOV	60°	65°	65°	65°	70°
# of Elements	5	8	8	8	9
Barrel Size	1.25"	1.25"	1.25"	1.25"	2"

## SERIES 5000 PREMIUM WIDE-ANGLE (PWA) EYEPIECES



Our high-quality Premium Wide-Angle (PWA) Eyepieces feature a fully multi-coated optical design with premium-grade optical glass for the best possible image correction in color, contrast, and brightness. The blackened lens edges provide enhanced contrast and help to reduce reflections while the parfocal design delivers little-to-no focus change when switching between eyepieces.

With a premium 82 degree apparent field of view, enjoy a comfortable observing experience. PWA eyepieces are great to view celestial objects that require a wide field of view - such as star clusters and large deep-sky objects, including galaxies and nebulae.

	4mm	7mm	16mm	28mm
Item Number	607040	607041	607042	607043
Focal Length	4mm	7mm	16mm	28mm
Eye Relief	12mm	12mm	12mm	18mm
AFOV	82°	82°	82°	82°
# of Elements	7	7	7	6
Barrel Size	1.25"	1.25"	1.25"	2"

## SERIES 5000 MEGA WIDE ANGLE (MWA) EYEPIECES



The Series 5000 MWA (Mega Wide-Angle) eyepieces offer revolutionary advances in resolution, image correction and eye relief. The featured parfocal design uses multiple optical elements to achieve a high contrast image with razor sharp correction, all the way to the edge of the large 100-degree apparent field of view.

These lenses are Fully Multi-Coated with blackened edges and fold-down rubber eyecups to help minimize reflections and provide a comfortable viewing experience.

Item Number	5mm 607015	10mm 607016	15mm 607017	21mm 607018	26mm 607019
Focal Length	5mm	10mm	15mm	21mm	26mm
Eye Relief	13mm	19.7mm	20mm	20mm	25mm
AFOV	100°	100°	100°	100°	100°
# of Elements	9	8	8	7	7
Barrel Size	1.25"	1.25"	2"	2"	2"

## WA (WIDE-ANGLE ASPHERIC) EYEPIECE SET



Item Number	607002
Focal Length	4mm, 10mm, 23mm (1.25")
AFOV	62°
Filters	N/A
Barlow Lens	N/A
Accessories	Padded storage box

## SERIES 4000 1.25" EYEPIECE AND FILTER SET



Item Number	607001
Focal Length	6mm, 9mm, 13mm, 18mm & 32mm (1.25")
AFOV	52° AFOV
Filters	6 Colored Eyepieces Filters: Light Yellow (#8), Yellow (#12), Light Red (#23A), Dark Blue (#38A), Green (#58), Blue (#80A), Moon Filter (ND96).
Included	Hard Carry Case

## SERIES 4000 2" EYEPIECE AND FILTER SET



Item Number	607010
Focal Length	26mm, 32mm & 40mm (2")
AFOV	56° AFOV (26mm, 32mm) 50° AFOV (40mm)
Filters	Five 2" Colored Eyepiece Filters: Deep Yellow (#12), Red (#25A), Light Green (#56), Blue (#80A), and Moon Filter (ND96).
Included	Hard Carry Case, 2" 90° diagonal mirror & 1.25" eyepiece adapter

# WHITE-LIGHT

## SOLAR WHITE-LIGHT HERSCHEL WEDGE

Meade's Solar White-Light Herschel Wedge is proven to give a sharper, higher-contrast image than traditional metalized solar film or front-mounted glass solar filters, by eliminating reflections between the filter and front telescope lens. The result is a sharp, very high contrast view of Sun spots and solar surface granulation. The Meade Herschel Wedge has a 2" slip-fit nosepiece ideal for APO or ACHRO refractors. For use with 152mm or smaller refractors. Not for use with SCT, ACF, MAK, or Reflectors.

**FOR USE WITH 152MM OR SMALLER REFRACTORS. NOT FOR USE WITH SCT, ACF, MAK, OR REFLECTORS.**



Photo by Richard Keele

ITEM NUMBER: 608010



Photo by Jason Ware

# SOLAR ACCESSORIES

## GLASS WHITE-LIGHT SOLAR FILTERS



### ITEM NUMBER

629000	GLASS WHITE-LIGHT SOLAR FILTER 400	(ID 101mm)
629001	GLASS WHITE-LIGHT SOLAR FILTER 450	(ID 114mm)
629002	GLASS WHITE-LIGHT SOLAR FILTER 500	(ID 127mm)
629003	GLASS WHITE-LIGHT SOLAR FILTER 525	(ID 133mm)
629004	GLASS WHITE-LIGHT SOLAR FILTER 575	(ID 146mm)
629010	GLASS WHITE-LIGHT SOLAR FILTER 600	(ID 152mm)
629006	GLASS WHITE-LIGHT SOLAR FILTER 750	(ID 190mm)
629007	GLASS WHITE-LIGHT SOLAR FILTER 950	(ID 241mm)
629008	GLASS WHITE-LIGHT SOLAR FILTER 1200	(ID 305mm)
629009	GLASS WHITE-LIGHT SOLAR FILTER 1375	(ID 349mm)

# CORONADO® ACCESSORIES

## HARD CASE FOR THE CORONADO® P.S.T.



Enhance the portability of your Personal Solar Telescope (P.S.T.) while protecting your investment with this custom hard case.

**Note:** case uses foam inserts from original packaging of PST telescope. Foam not included.

**Item Number:** PSTC

## CORONADO® SOL RANGER SOLAR VIEWFINDER



Effortlessly line up the sun in your main scope in seconds. Fastens securely to the top of the telescope mounting ring and projects a small image of the solar disk onto the rear of the viewfinder where it is visible to the telescope user. Center the image in the viewfinder and the scope is aligned with the Sun. It's that easy and fast.

**Note:** The SOL Ranger is a sun finder only and will not work for night time astronomy.

**Item Number:** SOL

## CORONADO® ADAPTER RINGS



**Item Number:** AP185

**40mm Doublestack Adapter Ring**

**Item Number:** AP186

**60mm Doublestack Adapter Ring**

**Item Number:** AP190

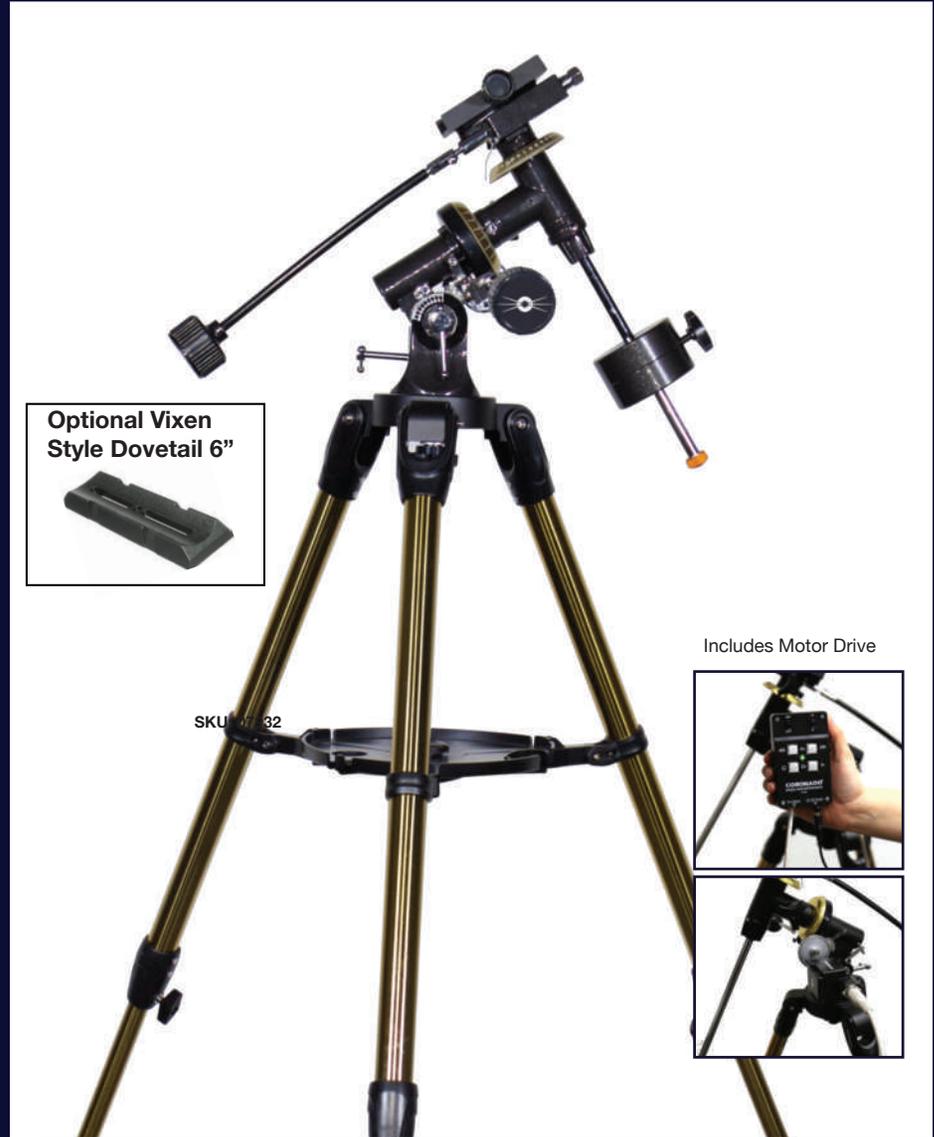
**90mm Doublestack Adapter Ring**

## Coronado® AZS Mount



Item Number	309001
Fully Extended	47.5" x 42" x 35"
Assembled Weight	7.3 lbs

## Coronado® EQS Mount



Item Number	316001
Fully Extended	47.5" x 42" x 35"
Assembled Weight	16 lbs

# GENERAL ACCESSORIES



Looking for a little something extra to add to your telescope? Meade has a selection of accessories from counterweights to erect-image prisms. Take a look to see what accessories are perfect for your scope!

For a full list of accessories, please visit [www.meade.com](http://www.meade.com)

## COUNTERWEIGHTS

### ITEM NUMBER

07300 EXTRA 2 LB. WEIGHT FOR MEADE TUBE BALANCE WEIGHT SYSTEMS

07631 LX850 26 LB. STAINLESS STEEL COUNTERWEIGHT

## PRISMS & MORE

07182 1.25" EYEPIECE ADAPTER FOR SCT AND ACF MODELS

07202 #918A DIAGONAL PRISM (1.25")

07210 MODEL 932 IMAGE ERECTING PRISM

07217 MODEL 928 IMAGE ERECTING PRISM FOR MEADE REFRACTING TELESCOPES

07220 MODEL 933 IMAGE ERECTING PRISM FOR ETX-60, ETX-70 AND ETX-80 MODELS

07680 SERIES 5000 2" ENHANCED DIAGONAL MIRROR WITH SC ADAPTER

## POWER SUPPLIES

07584 UNIVERSAL AC ADAPTER

07043 #607 DC POWER CORD W/CIGARETTE LIGHTER ADAPTER

## OTHER

07828 #828 8X50 REAR FOCUS VIEWFINDER - BLUE TUBE

07368 VIBRATION ISOLATION PADS

07640 AUDIOSTAR CONTROLLER

LX SERIES TELESCOPE COVERS      8"                      10"                      12"

ITEM NUMBER                      608035                      608036                      608037

FLEXIBLE DEW SHIELD              8" ACF                      10" ACF                      12" ACF                      14" - 16" ACF

ITEM NUMBER                      608025                      608026                      608027                      608028

# TRIPODS, MOUNTS, MOTORS



\*\*LX850 German Equatorial Mount with StarLock

When assembling your favorite Meade telescope, you will need the perfect sturdy foundation. Our tripods and mounts are made to accommodate your needs; from stability and tracking performance, all the way to portability.

## ITEM NUMBER

07005	16" PERMANENT ALTAZIMUTH PIER
07006	16" PERMANENT EQUATORIAL PIER
07018	16" SUPER GIANT LX FIELD TRIPOD (As supplied with 16" LX200 telescope.)
07017	GIANT FIELD TRIPOD (As supplied with 12" and 14" LX200 and 10", 12" and 14" LX600 models.)
07020	STANDARD FIELD TRIPOD (As supplied with 8" and 10" LX200 and LX90 telescopes. )
209013	INFINITY AZ MOUNT
217000	LX85 GERMAN EQUATORIAL MOUNT
228000	LX65 MOUNT & TRIPOD
608050	CLASSIC 30 - PHOTO TRIPOD
608051	ACROBAT 80 - ADVANCED PHOTO TRIPOD
805000	TRIPOD FOR ETX80
805001	TRIPOD FOR ETX90 AND ETX125
37-0850-00	LX850 GERMAN EQUATORIAL MOUNT WITH STARLOCK AND TRIPOD
37-0850-00N	LX850 GERMAN EQUATORIAL MOUNT WITH STARLOCK (NO TRIPOD)

## MOTORS

616000	POLARIS MOTOR DRIVE
--------	---------------------

# CARRY BAGS



These padded carry bags hold your complete telescope setup. Now you can have your tripod, optical tube, and accessories all in one place, ready to travel wherever you need to go!

## POLARIS SERIES

ITEM NUMBER

616001	TELESCOPE BAG (POLARIS 70/80/90)
616002	TELESCOPE BAG (POLARIS 114)
616003	TELESCOPE BAG (POLARIS 127/130)

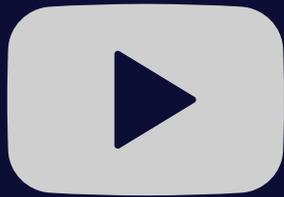
## INFINITY SERIES

609001	TELESCOPE BAG (INFINITY 50/60/70)
609002	TELESCOPE BAG (INFINITY 80/90/102)

## STARNAVIGATOR NG SERIES

618000	TELESCOPE BAG (STARNAVIGATOR NG 90/102 REFRACTOR)
618001	TELESCOPE BAG (STARNAVIGATOR NG 114/130 REFLECTOR)
618002	TELESCOPE BAG (STARNAVIGATOR NG 90/125 MAK)

# We're social! Follow us!



@meadeinstruments



@meadeinstruments



@meadeinstruments

HAVE PICTURES OF YOUR MEADE OR CORONADO PRODUCTS? SEND THEM TO [SOCIAL@MEADE.COM](mailto:social@meade.com) FOR A CHANCE TO BE FEATURED IN OUR NEXT ADVERTISEMENT OR ON OUR SOCIAL MEDIA CHANNELS!



North American Nebula  
70mm Astrograph  
Photo By Jason Ware



PN: 14-2700-21



DESIGNED AND INTENDED FOR THOSE 13 YEARS AND OLDER.  
©2020 MEADE INSTRUMENTS CORP. ALL RIGHTS RESERVED.  
27 HUBBLE, IRVINE, CA. 92618  
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.