



Celestron, is a leading designer, manufacturer and importer of high-quality optical products including computerized and non-computerized telescopes and related accessories, binoculars, spotting scopes and microscopes. The foundation of Celestron's commitment to product design and engineering innovation is based upon its longstanding ability to manage and control all aspects of the design-to-market process. Celestron's staff of experienced engineers, industrial designers, and optical experts are consistently improving and refining our products as well as developing new products and technologies for our customers.

Celestron's passion for continuous product improvement, innovation, and design excellence ensures products that provide our customers with years of enjoyment, reliability, and, most important – VALUE.

For more information on the entire Celestron product line or to find a dealer near you please visit us at: [www.celestron.com](http://www.celestron.com)

YOUR ADVENTURE STARTS HERE  
***WWW.CELESTRON.COM***

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Products designed and intended for those 14 years of age and older.

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***SPORTS & OUTDOORS***  
2012



# PURSUE YOUR PASSION

Experience all of the breathtaking beauty and wondrous adventure that the world has to offer with an extraordinary Celestron lifestyle device to lead the way. Whether you are an amateur hobbyist or a master enthusiast, we have the perfect outdoor product to ensure that your leisure time is always quality time. So find your focus, explore your options, and magnify your enjoyment of everything from wildlife, travel, and sports, to astronomy and photography. Celestron puts it all within reach.

## **SPORTS & OUTDOORS**

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#### ACTIVITY KEY

 <b>Astronomy</b>	 <b>Sailing</b>
 <b>Camping</b>	 <b>Birding</b>
 <b>Hiking</b>	 <b>Events</b>
 <b>Hunting</b>	 <b>Travel</b>

Use these helpful icons, in our catalog and on our site, to easily identify which Celestron products are best suited to your particular interests.



# UPCLOSE® G2

BINOCULAR SERIES

**Enhance all of your outdoor** activities with a high-quality binocular at an affordable price. The UpClose G2 Series is compact, stylish, durable, and versatile enough to go from the lake or woods to the stadium or arena, so that you can always get right in the middle of the action.



20x50 / #71258



16x32 / #71234



10x25 / #71232

## Entry-level excellence



7-21x40 / #71254



10x25 / #71213



7x35 / #71250

## Features

- + Multi-coated optics for high resolution & contrast
- + Lightweight aluminum body
- + Protective rubber cover
- + Water resistant
- + Ergonomic design for comfort & ease of use
- + Soft carrying case
- + Binocular straps
- + Limited lifetime warranty

See page 46 for more detailed product information on the entire series.



10-30x50 / #71260



Learn more about UpClose G2 binoculars by scanning the QR code with your smart phone or visit [www.celestron.com/upcloseg2](http://www.celestron.com/upcloseg2)



# Outland<sup>®</sup> X

BINOCULAR SERIES

**Set off on wild adventures in all** terrains and weather conditions with a rugged binocular that's also a superb value. The Outland X Series is precise, durable, lightweight, and versatile, making it the ideal choice for enthusiasts who want to get more out of the great outdoors.



8x42 / #71346



6x30 / #71211



## Outdoor utility



10x25 / #71341



8x25 / #71340



Learn more about Outland X binoculars by scanning the QR code with your smart phone or visit [www.celestron.com/outlandx](http://www.celestron.com/outlandx)

## Features

- + Multi-coated optics & precision BaK-4 prisms for high resolution, contrast & natural color fidelity
- + Twist-up eyecups for easy adjustment
- + Protective rubber cover
- + Waterproof & fogproof (nitrogen purged)
- + Water-resistant neoprene carrying case
- + Binocular straps (attached)
- + Limited lifetime warranty

See page 46 for more detailed product information on the entire series.



10x42 / #71347



# Nature™

BINOCULAR SERIES

**Embark on a wilderness expedition** of epic proportions with a state-of-the art binocular that packs a higher level of performance. The Nature Series is rugged and waterproof to meet the rigorous needs of avid adventurers in any environment.



10x42 / #71327



Porro 8x42 / #71320

## Elemental vision



10x50 / #71321



10x25 / #71210



8x30 / #71319

### Features

- + Fully multi-coated optics & precision BaK-4 prisms for high resolution, contrast & natural color fidelity
- + Ergonomic open frame with excellent grip
- + Lightweight aluminum body
- + Twist-up eyecups for easy adjustment
- + Waterproof & fogproof (nitrogen purged)
- + Soft carrying case
- + Binocular straps (attached)
- + Limited lifetime warranty

See page 46 for more detailed product information on the entire series.



Roof 8x42 / #71326



Learn more about Nature binoculars by scanning the QR code with your smart phone or visit [www.celestron.com/nature](http://www.celestron.com/nature)



# GRANITE™

BINOCULAR SERIES

**Maximize the potential of your** next outing with the pinnacle of optical and mechanical design at an extraordinary price. The Granite Series is razor sharp, incredibly tough, surprisingly lightweight, and highly versatile for serious enthusiasts of land, sea and sky.



10x50 / #71374



## Optimum performance



Extra-low dispersion glass, fully multi-coated optics and BaK-4 prisms with dielectric coatings and phase coatings all contribute to provide the brightest and sharpest possible images.



12x50 / #71376



Learn more about Granite binoculars by scanning the QR code with your smart phone or visit [www.celestron.com/granite](http://www.celestron.com/granite)

## Features

- + Fully multi-coated optics & precision BaK-4 prisms with phase & dielectric high reflectivity coatings for high resolution, maximum contrast & natural color fidelity
- + Metal focus knob, diopter ring & twist-up eyecups for precision & durability
- + Lightweight magnesium alloy body
- + Protective & ergonomic rubber cover
- + Open hinge design for comfort during prolonged use
- + Waterproof & fogproof (nitrogen purged)
- + Binocular harness strap & deluxe neck strap
- + Deluxe soft case
- + Eco friendly (lead & arsenic free)
- + Limited lifetime warranty



10x42 / #71372



See page 46 for more detailed product information on the entire series.



# SkyMaster®

BINOCULAR SERIES

**Aim for the stars with a magnificent** binocular engineered to deliver stellar quality and spectacular value. The SkyMaster Series is powerful, durable, comfortable, and versatile for demanding explorers seeking to truly go the distance in terrestrial and astronomical observation.



25x70 / #71008



9x63 / #72023

## Astronomical quality



25-125x80 / #71020



25x100 / #71017



Learn more about SkyMaster binoculars by scanning the QR code with your smart phone or visit [www.celestron.com/skymaster](http://www.celestron.com/skymaster)

## Features

- + Multi-coated optics & precision BaK-4 prisms for high resolution, contrast & natural color fidelity (#72022 & #72023 have fully multi-coated optics)
- + Large aperture for low light and astronomical viewing
- + Long distance terrestrial observation
- + Long eye relief for eyeglass wearers
- + Limited lifetime warranty

See page 47 for more detailed product information on the entire series.



15x70 / #71009



# Oceana®

BINOCULAR SERIES

**Chart the course for your next** adventure with a binocular that can adeptly go from sea odyssey to land excursion. The Oceana Series is high-performance, waterproof, and feature-packed to function perfectly from dawn to dusk, in and between ports of call.



7x50 / #71189A



## Features

- + Fully multi-coated optics & precision BaK-4 prisms for high resolution, contrast & natural color fidelity
- + Reticle for determining distances & object size
- + Protective rubber cover
- + Waterproof & fogproof (nitrogen purged)
- + Calculator dial for quickly determining distance (71189B only)
- + Illuminated compass
- + Limited lifetime warranty

See page 46 for more detailed product information on the entire series.



Learn more about Oceana binoculars by scanning the QR code with your smart phone or visit [www.celestron.com/oceana](http://www.celestron.com/oceana)



8x42 / #71212



7x50 / #71189B





# Mini Mak

SPOTTING SCOPES

## Scout out incredible locations

for amazing new discoveries with a high-quality spotting scope that takes ease and versatility to a whole new level. The Mini Mak Series is compact, and lightweight for both land and sky viewing, at home or on the trail.



C50 / #52233

## Powerful portability

### Features

- + Maksutov-Cassegrain optical design
- + Multi-coated optics for high resolution & contrast
- + Zoom eyepiece with 25-75x magnification
- + 1.25" Eyepiece adapter
- + Waterproof
- + Tabletop tripod with slow motion controls
- + Soft carrying case
- + Limited lifetime warranty

See page 47 for more detailed product information on the entire series.



Learn more about Mini Mak spotting scopes by scanning the QR code with your smart phone or visit [www.celestron.com/minimak](http://www.celestron.com/minimak)



C70 / #52238



# C90 Mak

SPOTTING SCOPE

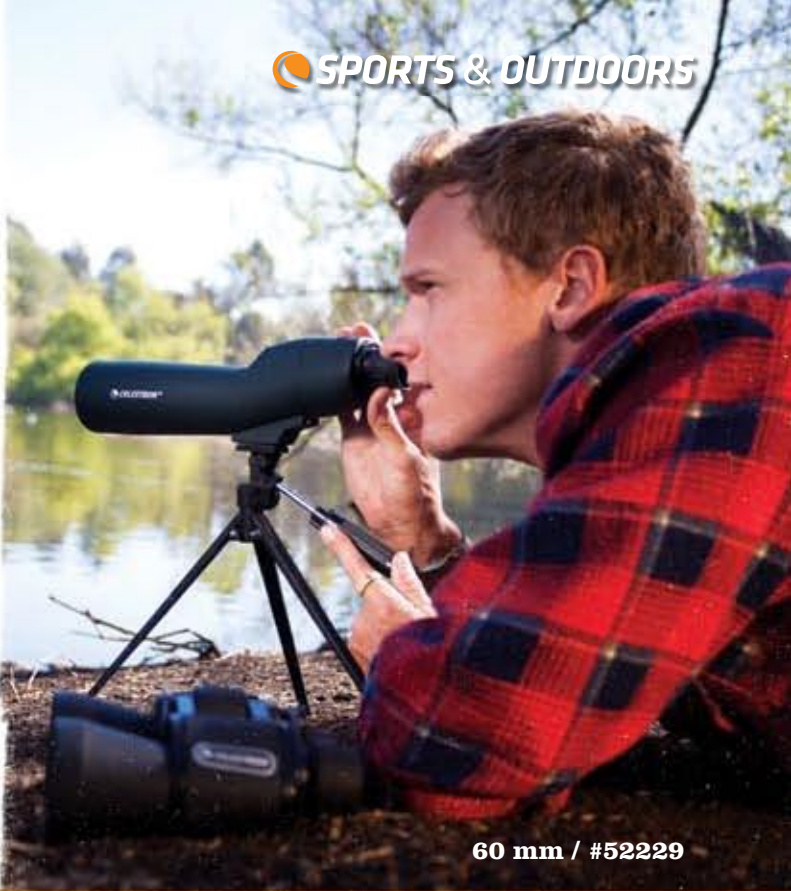
**Blaze your own trail to awe-inspiring** locations and phenomenal new sights with a midsize spotting scope that delivers razor-sharp images over a wide field. The C90 Mak is easy-to-use, portable, and versatile, making it an excellent choice for any modern-day explorer.



# UPCLOSE®

SPOTTING SCOPES

**Earn your merit badge as a serious** nature enthusiast with an excellent spotting scope at an economical price. The UpClose Series is lightweight and portable for outdoor adventures ranging from target shooting and wildlife observation to scenic viewing.



60 mm / #52229



## Splendid viewing

### Features

- + Maksutov-Cassegrain optical design
- + Multi-coated optics for high resolution & contrast
- + Built-in t-adapter for SLR camera imaging
- + 32 mm Eyepiece (39x magnification)
- + 45° Erect image optics
- + 8x21 Erect image finderscope
- + Nylon backpack
- + Limited lifetime warranty

See page 47 for more detailed product information.



C90 / #52268



Learn more about the C90 Mak spotting scope by scanning the QR code with your smart phone or visit [www.celestron.com/mak](http://www.celestron.com/mak)

## Natural diversity

### Features

- + Fully coated optics for high resolution & contrast
- + Zoom eyepiece
- + Waterproof
- + 45° and straight through models
- + Metal tabletop tripod
- + Aluminum carrying case
- + Soft carrying case
- + Limited lifetime warranty

See page 47 for more detailed product information on the entire series.



50 mm / #52222



Learn more about UpClose spotting scopes by scanning the QR code with your smart phone or visit [www.celestron.com/upclose](http://www.celestron.com/upclose)



# C5

SPOTTING SCOPE

## Explore the world, from tiny insects

to the vastness of space, with an extraordinary spotting scope that can also serve as an astronomical telescope or a telephoto lens. The C5 is high quality, powerful, durable, and adaptable enough to be chosen by NASA for space shuttle missions.



## Spectacular range



### Features

- + 5" Schmidt-Cassegrain optical design
- + StarBright XLT® coated optics for high resolution & contrast
- + 25 mm Eyepiece (50x magnification)
- + 45° Erect image optics
- + 6x30 Erect image finderscope
- + Water-resistant soft carrying case
- + Limited lifetime warranty

See page 47 for more detailed product information.



C5 Spotter / #52291



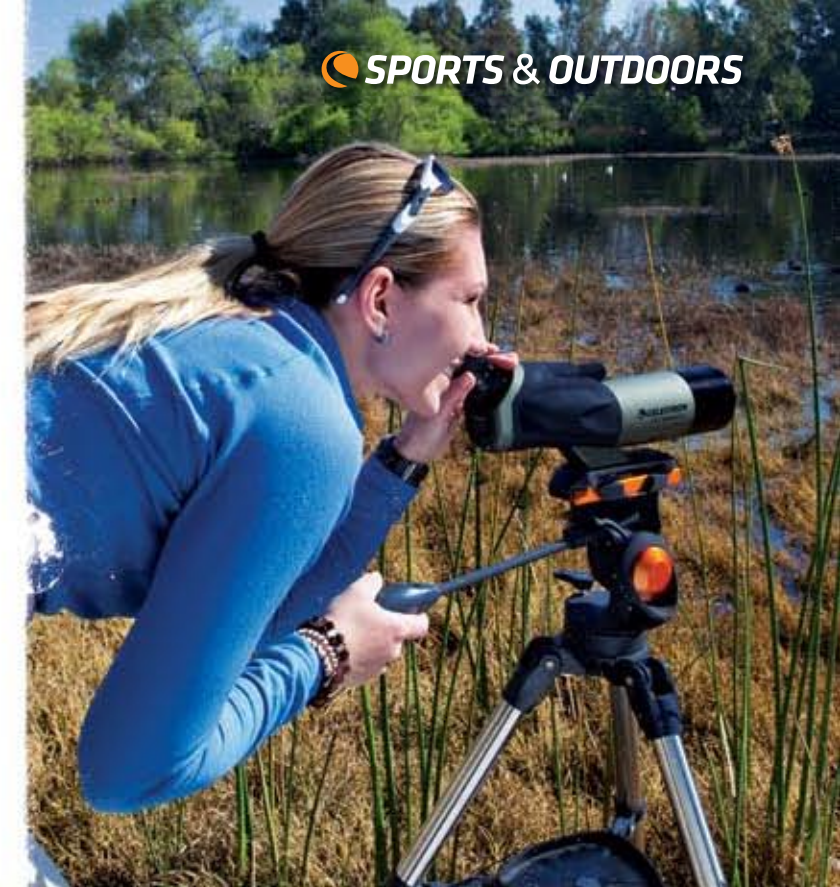
Learn more about the C5 spotting scope by scanning the QR code with your smart phone or visit [www.celestron.com/c5](http://www.celestron.com/c5)

# ULTIMA®

SPOTTING SCOPES

## Witness the timeless beauty

of nature in all its forms, on land or in space, with a superior spotting scope at an affordable price. The Ultima Series is sleek, ergonomic, versatile, and renowned for providing brighter images and exceptional clarity under all lighting conditions.



65-45° / #52248

## Exceptional brilliance

### Features

- + Multi-coated optics & precision BaK-4 prisms for high resolution, contrast & natural color fidelity
- + 45° and straight through models
- + Zoom eyepiece
- + Sighting tube
- + Waterproof / fogproof
- + Soft carrying case
- + Limited lifetime warranty

See page 47 for more detailed product information on the entire series.



100 Straight / #52257



Learn more about the Ultima series by scanning the QR code with your smart phone or visit [www.celestron.com/ultima](http://www.celestron.com/ultima)



# Regal™

SPOTTING SCOPES

**Reign supreme over land, sea,** and sky with an exquisite spotting scope that represents the pinnacle of optical design excellence and delivers maximum color and clarity, day or night. The Regal Series is supremely powerful, sharp, versatile, and safe in all elements due to a unique fluorite element that yields unrivaled image quality.



65 F-ED / #52301



## Superior optimization

Celestron's top-of-the-line Regal Series, available in three models, combines an advanced APO optical design with fully multi-coated glass elements to ensure optimum levels of contrast, sharpness, and color fidelity. Extra low dispersion from the fluorite provides exceptional color correction and razor sharp images while virtually eliminating zchromatic aberration.



80 F-ED / #52302

## Features

- + Fully multi-coated optics for high resolution & contrast
- + ED objective lens
- + Standard zoom eyepiece
- + 1.25" Eyepiece compatible
- + Dual-focus knobs
- + Twist-up eyecup for easy adjustment
- + T-Adapter for 35 mm/digital SLR imaging
- + Protective rubber cover
- + Waterproof / fogproof
- + Soft carrying case
- + Limited lifetime warranty

See page 47 for more detailed product information on the entire series.



100 F-ED / #52303



Learn more about the Regal F-ED series by scanning the QR code with your smart phone or visit [www.celestron.com/regal](http://www.celestron.com/regal)



# reTrace™

PERSONAL GPS

**Keep your bearings anywhere,** from the untamed wilderness to the urban jungle, with a GPS device that provides an important safeguard for the whole family. The reTrace Series is smart, easy to use, lightweight, and dependable, so you'll always find your way – and each other.

## Simple safety



Lite Green / #44850  
 Lite White / #44851  
 Deluxe Blue / #44856  
 Deluxe White / #44857

### reTrace Deluxe Features

- + Memory for up to 20 locations
- + Destination distance display
- + Worldwide usability
- + Barometer
- + Altimeter
- + Thermometer
- + Water resistant
- + Great for geocaching
- + Geotracking
- + Real time display
- + Carabiner clip & carrying case
- + Battery-powered (2 x AAA)
- + USB Cable
- + 2 Year warranty

### reTrace Lite Features

- + Memory for up to 5 locations
- + Destination distance display
- + Worldwide usability
- + Water resistant
- + Carabiner clip & carrying case
- + Battery-powered (2 x AAA)
- + USB Cable
- + 2 Year warranty

See page 48 for more detailed product information on the entire series.



Learn more about the reTrace series by scanning the QR code with your smart phone or visit [www.celestron.com/retrace](http://www.celestron.com/retrace)





# WindGuide™

ANEMOMETER

## Gauge any situation accurately

with a personal anemometer that fits in the palm of your hand. The WindGuide Series is compact, convenient, rugged, and weather safe making it the perfect portable guide for outdoor enthusiasts of hunting, sailing, wind and kite surfing, archery and many more.



Black / #48021



Plus / #48026

## Advantageous information

### WindGuide Features

- + Wind speed measurement up to 65 MPH (90 KM/H)
- + Wind chill indicator when temp falls below 32°F (0°C)
- + Temperature readings in °F or °C
- + Beaufort wind force scale
- + Backlight for easy reading
- + 1.0" (25.4 mm) Diameter impeller (fan/vane)
- + Protective rubber cover
- + Weather resistant
- + Lanyard
- + Low battery indicator with CR2032 battery (included)
- + 2 Year warranty

See page 48 for more detailed product information on the entire series.



Learn more about the WindGuide series by scanning the QR code with your smart phone or visit [www.celestron.com/windguide](http://www.celestron.com/windguide)



Yellow / #48020

### WindGuide Plus Features

- + Wind speed measurement up to 67 MPH (90 KM/H)
- + Current readings in °F or °C
- + Altimeter - measures altitude - up to 29,500 ft/ 9000 m
- + Barometer - measures barometric (atmospheric) pressure
- + Hygrometer - measures percentage of relative humidity
- + Time - current time
- + Wind chill reading
- + Backlight for easy reading
- + 0.6" (14.2 mm) Diameter impeller (fan/vane)
- + Weather resistant
- + Lanyard and carrying pouch
- + Low battery indicator with CR2032 battery (included)
- + 2 Year warranty



Plus / #48025





**Head out on your next outdoor** adventure with the ultimate navigation companion in tow. TrekGuide is compact, lightweight, durable, and informative, to ensure that you stay up-to-date with time, location, weather conditions, and more, every step of the way.



Yellow / #48002

Valuable guidance

Features

- + Digital compass with headings & degrees
- + Altitude in feet & meters
- + Barometer with barometric air & sea pressure
- + Weather forecast
- + Temperature (°F or °C)
- + Clock, alarm & calendar
- + Bubble level
- + Backlight LED
- + Water resistant
- + Lanyard
- + Batteries included
- + 2 Year warranty



Orange / #48001



Black / #48003

See page 48 for more detailed product information on the entire series.



Learn more about the TrekGuide series by scanning the QR code with your smart phone or visit [www.celestron.com/trekguide](http://www.celestron.com/trekguide)





# CoursePro™

GPS PERSONAL GOLF CADDY

## Improve your game with a handheld

GPS device that acts as a personal caddy with current par information, green measurements, and shot distances. The CoursePro Series is lightweight, durable, convenient and accurate, with access to over 22,000 courses worldwide.



**CoursePro™ Elite**  
#44876 / #44877



**CoursePro™**  
#44870 / #44871

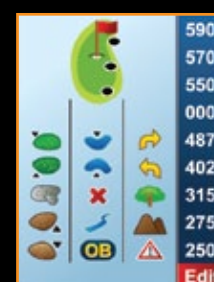
## Competitive edge

### CoursePro™ Elite Features

- + 1 Year FREE course map downloads
- + 100 Course memory capacity
- + Scorecard data
- + Hazard mapping
- + New course creation
- + Front/center/back green distance display
- + Shot distance calculator
- + Course card display of par information
- + Backlight
- + LCD real time satellite signal display
- + Water resistant (IPx6 spec)
- + WAAS enabled GPS
- + Support for 10 languages
- + English/metric readings
- + Belt clip/carrying case
- + Battery status indicator with 8-10 hour rechargeable lithium ion battery (included)
- + Operating temperature 14° to 140°F (-10° to 60°C)
- + 2 Year warranty



WAAS enabled GPS gives you accurate distance to green



Edit/add to hazard map



Calculate shot distance

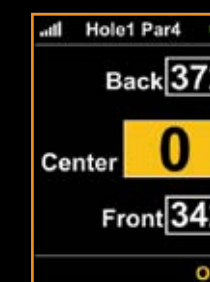
### CoursePro™ Features

- + 1 Year FREE course map downloads
- + 50 Course memory capacity
- + Front/center/back green distance display
- + Shot distance calculator
- + Course card display of par information
- + Backlight
- + LCD real time satellite signal display
- + Water resistant (IPx6 spec)
- + WAAS enabled GPS
- + Support for 10 languages
- + English/metric readings
- + Belt clip/carrying case
- + Battery status indicator with 8-10 hour rechargeable lithium ion battery (included)
- + Operating temperature 14° to 140°F (-10° to 60°C)
- + 2 Year warranty

See page 48 for more detailed product information on the entire series.



WAAS enabled GPS gives you accurate distance to green



Edit green locations



Calculate shot distance



Learn more about CoursePro Elite and CoursePro by scanning the QR code with your smart phone or visit [www.celestrongolf.com](http://www.celestrongolf.com)



# HomeCAST™

PERSONAL WEATHER STATIONS

## Plan for any day, rainy or not,

with a personal weather station that provides accurate indoor and outdoor temperature and meteorological readings. The HomeCast Series is easy to install, simple to use, and extremely helpful for anticipating what you'll need before you head out.



HomeCast™ Deluxe  
#47022 / #47023\*

## Atmospheric outlook



HomeCast™ / #47021

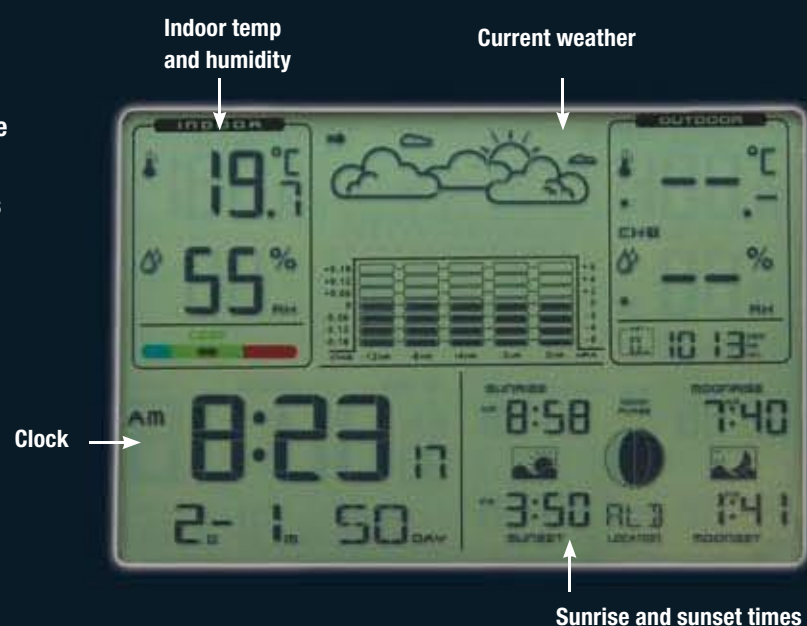
HomeCast™ Lite #47020

### HomeCast™ Deluxe Features

- + Detailed real-time weather information
- + Animated 5 icon display for quick reference
- + Barometric pressure chart
- + Weather trends, Sun/Moon rise & set times & Moon phase display
- + Tricolor comfort indicator bar
- + LCD display
- + Versatile mounting options
- + 2 Year warranty

Visit page 48 for more detailed product information on the entire series.

\*#47023 For use in Europe



### HomeCast™ Features

- + Real-time weather information
- + Animated 5 icon display for quick reference
- + Weather trends & Moon phase display
- + Tricolor comfort indicator bar
- + LCD display
- + Versatile mounting options
- + 2 Year warranty

Visit page 48 for more detailed product information on the entire series.

### HomeCast™ Lite Features

- + Real-time weather information
- + Indoor/outdoor temperature indicator
- + Tricolor comfort indicator bar
- + LCD display
- + Versatile mounting options
- + 2 Year warranty

Visit page 48 for more detailed product information on the entire series.



Learn more about HomeCast Weather Stations by scanning the QR code with your smart phone or visit [www.celestron.com/homecast](http://www.celestron.com/homecast)



# NexStar SLT<sup>®</sup>

TELESCOPE SERIES

**Find your place in the universe with an** affordable, computerized telescope featuring easy SkyAlign™ technology that uses any three bright celestial objects to identify its location and then takes you wherever you want to go. The NexStar SLT Series is effortless, powerful, lightweight, and intuitive, making it perfect for both beginner and mid-level enthusiasts.



102SLT / #22096

## Unearthly ease

### Features

- + 2" Eyepiece compatibility
- + Fully computerized Altazimuth mount
- + StarPointer finderscope for easy alignment
- + Quick-release fork arm mount & optical tube for quick & easy no-tool set up
- + Sturdy stainless steel tripod & accessory tray
- + Patented SkyAlign™ telescope alignment software with 4,000 celestial object database
- + "The Sky X – First Light Edition" software
- + 2 Year warranty

Visit page 49 for more detailed product information on the entire series.



Learn more about the NexStar SLT series by scanning the QR code with your smart phone or visit [www.celestron.com/nexstarslt](http://www.celestron.com/nexstarslt)



130SLT / #31145

# POWERSEEKER<sup>®</sup>

TELESCOPE SERIES

**Make amateur astronomy a hobby** the entire family can enjoy with an excellent beginner telescope that opens up whole new worlds of excitement. The feature packed PowerSeeker Series is powerful, lightweight, portable, and a great value for celestial and terrestrial observation.



70 AZ / #21036

## Family friendly

### Features

- + Coated glass optics for high resolution & contrast
- + 3x Barlow magnification lens
- + Slow motion controls for smooth tracking
- + Quick & easy no-tool set up
- + Tripod accessory tray
- + "The Sky X – First Light Edition" software
- + 2 Year warranty

Visit page 49 for more detailed product information on the entire series.



Learn more about the PowerSeeker series by scanning the QR code with your smart phone or visit [www.celestron.com/powerseeker](http://www.celestron.com/powerseeker)



114 EQ / #21045



# AstroMaster®

TELESCOPE SERIES

**Have the best of both worlds with a versatile** telescope that can be as adept at watching wildlife as observing celestial objects. The AstroMaster Series is powerful, accurate, easy, and lightweight, which makes each of these fine instruments ideal for almost any viewing occasion.



70 EQ / #21062

## Dual purpose



LT 76 AZ / #31036



Learn more about the AstroMaster series by scanning the QR code with your smart phone or visit [www.celestron.com/astromaster](http://www.celestron.com/astromaster)



LT 70 AZ / #21074

## Features

- + All coated glass optics for clear, crisp images
- + Permanently mounted StarPointer finderscope for easy alignment
- + Erect image optics (excludes #21073, #21074 & #31036)
- + Stable pre-assembled tripod with 1.25" steel tube legs (#21073, #21074 & 31036 use 1" tripod legs)
- + Quick-release dovetail attachment
- + Quick & easy no-tool set up
- + Deluxe accessory tray
- + Pan handle Alt-Az control with clutch for smooth & accurate pointing (21061, 21063, 21073, 21074 & 31036)
- + German Equatorial mount with setting circles, sky object location & tracking (21062, 21064, 31035, 31042 & 31045)
- + "The Sky X – First Light Edition" software
- + 2 Year warranty

Visit page 49 for more detailed product information on the entire series.



130 EQ / #31045





### Enjoy a heavenly tour of the night sky

without any prior knowledge using a revolutionary telescope with StarSense technology. It is so advanced it can find its own position with the touch of a button, and automatically guide you to the best sights for your location. The SkyProdigy Series is easy, intuitive, powerful, and surprisingly affordable for a product of such unparalleled capabilities.



6 / #11076

## Extraordinary innovation



Celestron's groundbreaking SkyProdigy Series, which includes two new additions this year, builds upon decades of telescope advancements and technology innovations to create a truly peerless experience.

This award-winning series has been recognized by Innovations 2011 International CES® with a Design and Engineering Showcase Award and by Popular Mechanics with a 2011 Product Breakthrough Award.



Learn more about the SkyProdigy series by scanning the QR code with your smart phone or visit [www.celestron.com/skyprodigy](http://www.celestron.com/skyprodigy)



130 / #31153

### Features

- + Proprietary StarSense technology for complete automatic alignment with no user intervention
- + Fully computerized Altazimuth mount
- + Quick-release fork arm mount & optical tube for quick & easy no-tool set up
- + Sturdy stainless steel tripod & accessory tray
- + "The Sky X – First Light Edition" software
- + 30+ Hour battery pack
- + 4,000 Celestial object database software
- + Proprietary StarSense technology for completely automatic alignment
- + Flash upgradable hand control for software internet updates
- + 2 Year warranty

Visit page 50 for more detailed product information on the entire series.



102 / #22090



# FIRSTSCOPE

TELESCOPE SERIES

**Honor the visionaries who helped us learn** about our universe with a commemorative, entry-level telescope that recognizes their contribution to science and astronomy. The FirstScope telescope is portable, lightweight, easy to use, and stylish enough to be a treasured keepsake.

## Features

- + 15x and 75x Magnification. Perfect for casual terrestrial or astronomical observing
- + Dobsonian style mount
- + 76 mm Aperture Newtonian reflector telescope
- + Portable and lightweight table-top design
- + 2 Year warranty

For detailed product information, see page 50

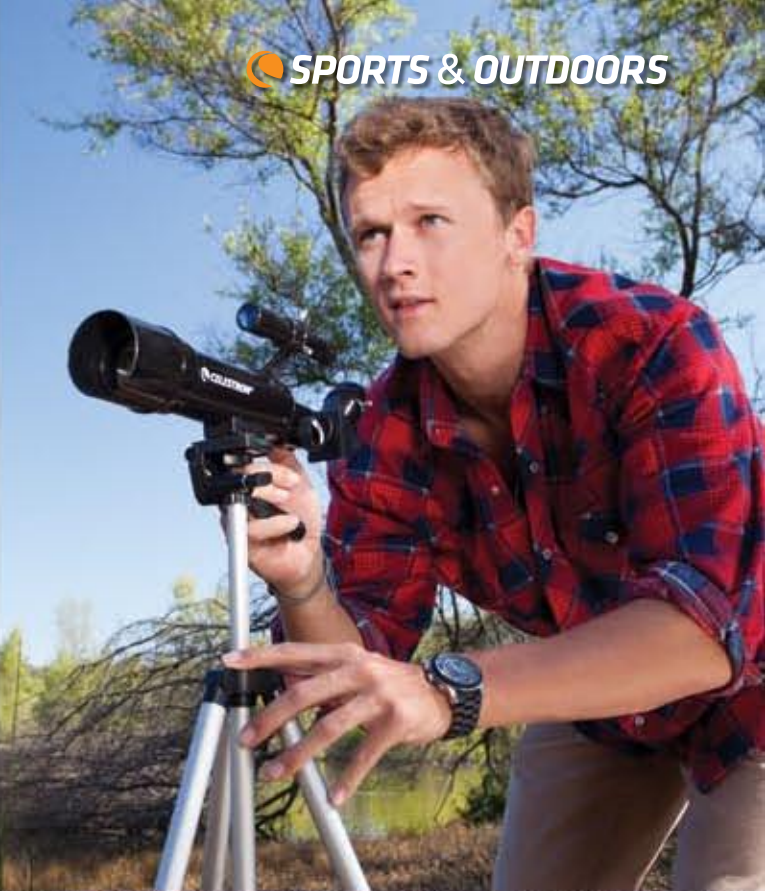


FirstScope / #21024

# TRAVEL SCOPE

TELESCOPE SERIES

**Traverse the globe and beyond with** a high-quality telescope specifically designed to be exceptionally portable for both terrestrial observation and casual astronomy. The Travel Scope Series is compact, stable, durable, and an exceptional value for a telescope of its caliber.



Travel Scope 50 / #21038

## Spectacular mobility

# AMBASSADOR

TELESCOPE SERIES

**Enjoy the view inside and out with** a stunning brass refractor telescope designed especially for land viewing, but capable of casual astronomical observation as well. The Ambassador telescope is strong, stable, and beautiful, with a vintage style that is truly display-worthy.

## Features

- + All brass optical tube Altazimuth mount
- + Erect image optics
- + Sturdy mahogany tripod with brass accents
- + Brass tripod accessory tray
- + 2 Year warranty

For detailed product information, see page 49



Ambassador / #21034



Learn more about the Ambassador or FirstScope series by scanning the QR code with your smart phone or visit [www.celestron.com/specialty](http://www.celestron.com/specialty)

## Features

### Travel Scope 70

- + 70 mm Refractor telescope
- + Fully coated glass optics for high resolution & contrast
- + Smooth Altazimuth mount
- + Erect image optics
- + Stable aluminum full-size photographic tripod (preassembled)
- + Quick & easy no-tool set up
- + Custom backpack for scope and tripod
- + 2 Year warranty

### Travel Scope 50

- + Smaller, ultra-portable version using a 50 mm refractor telescope
- + Coated glass optics
- + Includes 3x Barlow lens for increased magnification

For detailed product information, see page 49

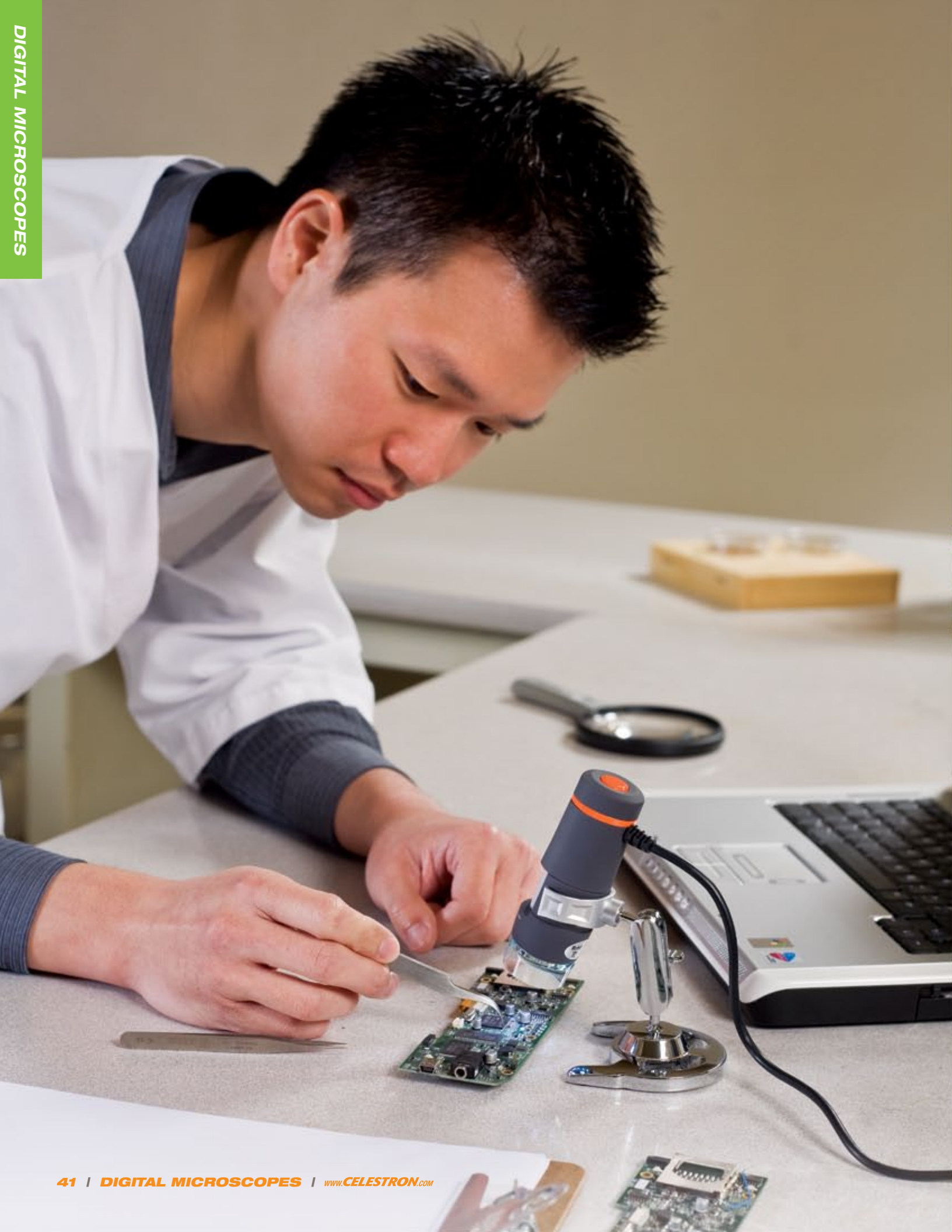


Learn more about the Travel Scope series by scanning the QR code with your smart phone or visit [www.celestron.com/specialty](http://www.celestron.com/specialty)



Travel Scope 70 / #21035





## DELUXE HANDHELD DIGITAL MICROSCOPE

### Delve deeper into your hobbies and interests

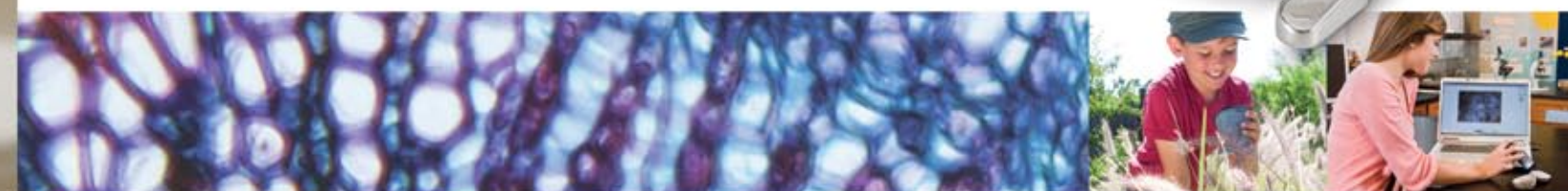
with a sleek, innovative, and enormously popular microscope that allows you to view specimens on your computer screen, take photos, or record video.

- + Power – 10x To 40x & 150x
- + Built-in 2.0 MP digital camera
- + LED illumination
- + Connects to computer via USB cable
- + Photo management software
- + 2 Year warranty

Visit page 50 for detailed information



#44302 B



## PORTABLE LCD DIGITAL MICROSCOPE

### Take a closer look at whatever piques

your curiosity on your journey with a portable, battery powered, and easy to use microscope that features an onboard LCD screen for great viewing anywhere.

- + Power – 1x to 3.7x and 54x
- + 2.4" LCD screen
- + Built-in 3 MP digital camera for taking snapshots and video
- + 4x Digital zoom
- + 2 Year warranty

Visit page 50 for detailed information



Learn more about our digital microscopes by scanning the QR code with your smart phone or visit [www.celestron.com/microscopes](http://www.celestron.com/microscopes)



#44311



# MINI HANDHELD DIGITAL MICROSCOPE

## Learn as you go, wherever you go, with

a compact, portable, and dependable microscope that is equally well suited for hobbyists, scientists, inspectors, medical professionals, and more.

- + Power – 15x to 30x
- + Digital power – 150x
- + LED illumination
- + Connects to computer via USB cable
- + Built-in 1.3 MP digital camera
- + Photo management software
- + 2 Year warranty

Visit page 50 for detailed information



#44305

# amoeba™

## Save, send, and share your discoveries

with a compact, multi-power, dual-purpose microscope that is perfect for slide specimens, detachable for large object viewing, and able to take photos and video.

- + Power – 10x, 60x and 200x
- + Built-in 1.3 MP digital camera
- + Top and bottom LED illumination
- + Photo management software
- + 8 Prepared slides
- + 2 Year warranty

Visit page 50 for detailed information



#44326

#44325

## Magnificent options

# DIGITAL MICROSCOPE KIT

## Get more out of your observations with

a powerful, durable, multi-purpose microscope that works like a traditional microscope or with its digital camera attachment for computer viewing, photography, and video.

- + Optical power from 40x to 600x
- + 4x, 15x, 30x, Objective lenses
- + Digital powers to 2000x
- + Zoom eyepiece from 10x to 20x
- + Photo management software
- + 3 Prepared slides, 2 blank slides, rocks, honeybee wing, shrimp, light diffuser, needle, probe, eyedropper and tweezers
- + 2 Year warranty

Visit page 50 for detailed information



#44320

# PentaView™

## See, store, and show off your findings

with an easy, comfortable, and powerful microscope that boasts a large, rotatable LCD touch screen and digital camera for image and video capture.

- + Power – 40x to 2400x
- + 4.3" LCD touch screen - rotatable 180°
- + 5 MP Built-in digital camera
- + 4x, 10x, 20x, 40x, 60x Objective lenses
- + Top and bottom LED illumination
- + 4 GB SD card
- + Carrying case
- + 10 prepared slides
- + 2 Year warranty

Visit page 50 for detailed information



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#44348



# LCD DIGITAL MICROSCOPE

Reveal your results with an innovative, powerful, and impressive biological LCD microscope that makes it easy to display images to a small group or take photos and video to share digitally.

- + Power – 40x to 400x
- + Digital zoom to 1600x
- + Top and bottom LED illumination
- + 3.5” (88 mm) LCD screen with 4x digital zoom
- + Built-in 2 MP digital camera
- + 512 MB internal memory
- + SD card slot
- + Carrying case
- + 5 Prepared slides
- + 2 Year warranty

Visit page 50 for detailed information



#44340



Breakthrough technology

# LCD DELUXE DIGITAL MICROSCOPE

Perfect for coin and stamp collectors

wanting to use lower powers to observe large objects. With a 3.5” touch screen panel that is also rotatable for 180° sharing, you can take snapshots and share your discoveries.

- + Power – 40x to 400x
- + Digital zoom to 1600x
- + 3.5” TFT touch screen panel - rotatable 180° horizontally
- + Top and bottom LED illumination
- + 1 GB internal memory
- + Built-in 2 MP digital camera
- + SD Card slot
- + 7 Prepared slides
- + Carrying case
- + 2 Year warranty

Visit page 50 for detailed information



#44345



Learn more about our digital microscopes by scanning the QR code with your smart phone or visit [www.celestron.com/microscopes](http://www.celestron.com/microscopes)

## UPCLOSE G2 BINOCULAR SERIES

Model	Type	Objective Lens Diameter (mm)	Magnification	Weight (oz/g)	Angular Field of View (deg)	Linear Field of View (@1000yds/m)	Exit Pupil (mm)	Eye Relief (mm)	Close Focus (ft/m)	Interpupillary Distance (mm)	Prisms	Optical Coatings	Waterproof	Tripod Adaptable
#71230	8x21 Roof	21 mm	8x	8 oz (227 g)	7.4°	387 ft (129 m)	2.6 mm	11 mm	10 ft (3 m)	58-72 mm	BK7	Multi-Coated	Water Resistant	No
#71232	10x25 Roof	25 mm	10x	11 oz (312 g)	5.7°	300 ft (100 m)	2.5 mm	11 mm	15 ft (5 m)	58-72 mm	BK7	Multi-Coated	Water Resistant	No
#71234	16x32 Roof	32 mm	16x	13 oz (369 g)	3.5°	185 ft (62 m)	2.0 mm	10 mm	26 ft (8 m)	58-72 mm	BK7	Multi-Coated	Water Resistant	No
#71250	7x35 Porro	35 mm	7x	22 oz (624 g)	9.2°	483 ft (161 m)	5.0 mm	13 mm	13 ft (4 m)	56-72 mm	BK7	Multi-Coated	Water Resistant	Yes
#71252	8x40 Porro	40 mm	8x	24 oz (680 g)	8.2°	429 ft (143 m)	5.0 mm	12 mm	19 ft (6 m)	56-72 mm	BK7	Multi-Coated	Water Resistant	Yes
#71254	7-21x40 Zoom Porro	40 mm	7-21x	25 oz (709 g)	5.3-3.2°	279-168 ft (83-56 m)	3.0-1.9 mm	20-15 mm	26-45 ft (8-14 m)	56-72 mm	BK7	Multi-Coated	Water Resistant	Yes
#71256	10x50 Porro	50 mm	10x	27 oz (765 g)	6.8°	354 ft (118 m)	5.0 mm	12 mm	23 ft (7 m)	56-72 mm	BK7	Multi-Coated	Water Resistant	Yes
#71258	20x50 Porro	50 mm	20x	28 oz (794 g)	3.2°	168 ft (56 m)	2.5 mm	7 mm	42 ft (13 m)	56-72 mm	BK7	Multi-Coated	Water Resistant	Yes
#71260	10-30x50 Zoom Porro	50 mm	10-30x	28 oz (794 g)	4.3-2.2°	225-115 ft (15-38 m)	5.0-1.7 mm	20-15 mm	26-45 ft (8-14 m)	56-72 mm	BK7	Multi-Coated	Water Resistant	Yes
#71213	10x25 Roof Monocular	25 mm	10x	4 oz (113 g)	5.7°	300 ft (100 m)	2.5 mm	11 mm	26 ft (8 m)	N/A	BK7	Multi-Coated	Water Resistant	No

## OUTLAND X BINOCULAR SERIES

Model	Type	Objective Lens Diameter (mm)	Magnification	Weight (oz/g)	Angular Field of View (deg)	Linear Field of View (@1000yds/m)	Exit Pupil (mm)	Eye Relief (mm)	Close Focus (ft/m)	Interpupillary Distance (mm)	Prisms	Optical Coatings	Waterproof	Tripod Adaptable
#71211	6x30 Monocular	30 mm	6x	8 oz (227 g)	10.5°	549 ft (183 m)	5.0 mm	20 mm	13 ft (4 m)	N/A	BaK-4	Multi-Coated	Waterproof	No
#71340	8x25	25 mm	8x	11 oz (312 g)	8.2°	429 ft (143 m)	3.1 mm	10 mm	10 ft (3 m)	56-72 mm	BaK-4	Multi-Coated	Waterproof	No
#71341	10x25	25 mm	10x	11 oz (312 g)	6.3°	330 ft (110 m)	2.5 mm	10 mm	17 ft (5.2 m)	56-72 mm	BaK-4	Multi-Coated	Waterproof	No
#71346	8x42	42 mm	8x	22 oz (624 g)	6.8°	356 ft (118.7 m)	5.3 mm	18 mm	18 ft (5.5 m)	56-74 mm	BaK-4	Multi-Coated	Waterproof	Yes
#71347	10x42	42 mm	10x	22 oz (624 g)	5.6°	293 ft (97.7 m)	4.2 mm	14 mm	14 ft (4.3 m)	56-74 mm	BaK-4	Multi-Coated	Waterproof	Yes

## NATURE BINOCULAR SERIES

Model	Type	Objective Lens Diameter (mm)	Magnification	Weight (oz/g)	Angular Field of View (deg)	Linear Field of View (@1000yds/m)	Exit Pupil (mm)	Eye Relief (mm)	Close Focus (ft/m)	Interpupillary Distance (mm)	Prisms	Optical Coatings	Waterproof	Tripod Adaptable
#71210	10x25 Monocular	25 mm	10x	6 oz (170 g)	5.8°	304 ft (101 m)	2.5 mm	14 mm	18 ft (5.5 m)	N/A	BaK-4	Multi-Coated	Waterproof	No
#71319	8x30 Porro	30 mm	8x	17 oz (482 g)	8.2°	430 ft (143 m)	3.8 mm	21 mm	8 ft (2.4 m)	56-72 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes
#71320	8x42 Porro	42 mm	8x	31 oz (879 g)	7°	367 ft (122 m)	5.3 mm	20 mm	15 ft (4.6 m)	56-72 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes
#71321	10x50 Porro	50 mm	10x	36 oz (1021 g)	5.6°	294 ft (98 m)	5 mm	20 mm	25 ft (7.62 m)	56-72 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes
#71326	8x42 Roof	42 mm	8x	27 oz (765 g)	7°	369 ft (123 m)	5.3 mm	18 mm	9.2 ft (2.8 m)	56-74 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes
#71327	10x42 Roof	42 mm	10x	27 oz (765 g)	6.5°	342 ft (114 m)	4.2 mm	16 mm	9.8 ft (3 m)	56-74 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes

## GRANITE BINOCULAR SERIES

Model	Type	Objective Lens Diameter (mm)	Magnification	Weight (oz/g)	Angular Field of View (deg)	Linear Field of View (@1000yds/m)	Exit Pupil (mm)	Eye Relief (mm)	Close Focus (ft/m)	Interpupillary Distance (mm)	Prisms	Optical Coatings	Waterproof	Tripod Adaptable
#71370	8x42	42 mm	8x	24 oz (680 g)	8.1°	426 ft (142 m)	5.3 mm	17 mm	6.5 ft (2 m)	56-73 mm	BaK-4 High Grade	Fully Broadband Multi-Coated	Waterproof	Yes
#71372	10x42	42 mm	10x	24 oz (680 g)	6.5°	340 ft (113 m)	4.2 mm	15 mm	8.2 ft (2.5 m)	56-73 mm	BaK-4 High Grade	Fully Broadband Multi-Coated	Waterproof	Yes
#71374	10x50	50 mm	10x	30 oz (850 g)	6.5°	340 ft (113 m)	5 mm	17 mm	9.8 ft (3 m)	56-73 mm	BaK-4 High Grade	Fully Broadband Multi-Coated	Waterproof	Yes
#71376	12x50	50 mm	12x	30 oz (850 g)	5.3°	279 ft (93 m)	4.2 mm	15 mm	11.5 ft (3.5 m)	56-73 mm	BaK-4 High Grade	Fully Broadband Multi-Coated	Waterproof	Yes

## OCEANA BINOCULAR SERIES

Model	Type	Objective Lens Diameter (mm)	Magnification	Weight (oz/g)	Angular Field of View (deg)	Linear Field of View (@1000yds/m)	Exit Pupil (mm)	Eye Relief (mm)	Close Focus (ft/m)	Interpupillary Distance (mm)	Prisms	Optical Coatings	Waterproof	Tripod Adaptable
#71212	8x42 Monocular	42 mm	8x	12 oz (340 g)	7°	369 ft (123 m)	5.3 mm	18 mm	40 ft (12.2 m)	N/A	BaK-4	Fully-Multi-Coated	Waterproof	No
#71189 A & B	A: 7x50 Porro WP CF & RC B: 7x50 Porro WP IF & RC	50 mm	7x	41 oz (1162 g)	7.5°	394 ft (131 m)	7.1 mm	22 mm	33 ft (10 m)	56-72 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes



SKYMASTER BINOCULAR SERIES

Model	Type	Objective Lens Diameter (mm)	Magnification	Weight (oz/g)	Angular Field of View (deg)	Linear Field of View (@1000yds/m)	Exit Pupil (mm)	Eye Relief (mm)	Close Focus (ft/m)	Interpupillary Distance	Prisms	Optical Coatings	Waterproof	Tripod Adaptable
#72022	DX 8x56	56 mm	8x	38 oz (1077 g)	5.8°	304 ft (101.3 m)	7 mm	18 mm	25 ft (7.6 m)	58-72 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes
#72023	DX 9x63	63 mm	9x	44 oz (1247 g)	5°	262 ft (87.5 m)	7 mm	17 mm	35 ft (10.7 m)	58-72 mm	BaK-4	Fully-Multi-Coated	Waterproof	Yes
#71009	15x70	70 mm	15x	48 oz (1361 g)	4.4°	230 ft (76.7 m)	4.7 mm	18 mm	43 ft (13 m)	56-72 mm	BaK-4	Multi-Coated	Water Resistant	Yes (Included)
#71008	25x70	70 mm	25x	52 oz (1474 g)	2.7°	141 ft (47 m)	2.8 mm	13 mm	75 ft (23 m)	56-72 mm	BaK-4	Multi-Coated	Water Resistant	Yes (Included)
#71012	20-100x70 Zoom	70 mm	20-100x	53 oz (1503 g)	1.25°	65 ft (21.7 m)	3.5 mm	22 mm	72 ft (22 m)	56-72 mm	BaK-4	Multi-Coated	Water Resistant	Yes (Included)
#71018	20x80	80 mm	20x	75 oz (2126 g)	3.7°	195 ft (65 m)	4 mm	18 mm	108 ft (33 m)	56-72 mm	BaK-4	Multi-Coated	Waterproof	Built-in
#71020	25-125x80 Zoom	80 mm	25-125x	76 oz (2155 g)	1.25°	65 ft (21.7 m)	3.2 mm	13 mm	98 ft (30 m)	56-72 mm	BaK-4	Multi-Coated	Water Resistant	Built-in
#71017	25x100	100 mm	25x	140 oz (3969 g)	3°	157 ft (52.3 m)	4 mm	15 mm	80 ft (24 m)	56-72 mm	BaK-4	Multi-Coated	Waterproof	Built-in

MAKSUTOV-CASSEGRAIN SPOTTING SCOPE

Model	Type	Objective Lens Diameter (mm)	Focal Length (mm)	Focal Ratio	Magnification	Weight (oz/g)	Angular Field of View	Linear Field of View (@1000yds/m)	Eye Relief (mm)	Close Focus (ft/m)	Optical Coatings	Length (in/m)
#52233	C50 Mini Mak WP	50 mm	580 mm	f/11.6	25-75x	27 oz (770 g)	1.3°-0.7°	68-35 ft (22.7-11.7 m)	20 mm	10 ft (3 m)	Multi-Coated	10 in (254 mm)
#52238	C70 Mini Mak	70 mm	750 mm	f/10.7	25-75x	32 oz (910 g)	1.3°-0.7°	68-35 ft (22.7-11.7 m)	22 mm	16 ft (4.9 m)	Multi-Coated	11 in (279 mm)
#52268	C90 Mak	90 mm	1250 mm	f/13.8	39x	80 oz (2270 g)	1.3°	68 ft (22.7 m)	20 mm	15 ft (4.6 m)	Multi-Coated	16 in (406 mm)

UPCLOSE SPOTTING SCOPE

Model	Type	Objective Lens Diameter (mm)	Focal Length (mm)	Focal Ratio	Magnification	Weight (oz/g)	Angular Field of View	Linear Field of View (@1000yds/m)	Eye Relief (mm)	Close Focus (ft/m)	Optical Coatings	Length (in/m)
#52222	50 mm Zoom-45°	50 mm	303 mm	f/6	15-45x	19 oz (540 g)	2.5°-1.3°	130-65 ft (43.3-21.7 m)	15-11 mm	19 ft (5.8 m)	Fully-Coated	10 in (254 mm)
#52228	50 mm Zoom	50 mm	303 mm	f/6	15-45x	19 oz (540 g)	2.5°-1.3°	130-65 ft (43.3-21.7 m)	15-11 mm	19 ft (5.8 m)	Fully-Coated	10.6 in (269 mm)
#52223	60 mm Zoom-45°	60 mm	341 mm	f/5.7	20-60x	21 oz (590 g)	2.5°-1.3°	130-65 ft (43.3-21.7 m)	15-11 mm	29 ft (8.8 m)	Fully-Coated	13 in (330 mm)
#52229	60 mm Zoom	60 mm	341 mm	f/5.7	20-60x	24 oz (630 g)	2.5°-1.3°	130-65 ft (43.3-21.7 m)	15-11 mm	29 ft (8.8 m)	Fully-Coated	13.6 in (345 mm)

SCHMIDT-CASSEGRAIN SPOTTING SCOPE

Model	Type	Objective Lens Diameter (mm)	Focal Length	Focal Ratio	Magnification	Weight (oz/g)	Angular Field of View	Linear Field of View (@1000yds/m)	Eye Relief (mm)	Close Focus (ft/m)	Optical Coatings	Length (in/m)
#52291	C5 Spotter (XLT)	127 mm	1250 mm	f/9.8	50x	96 oz (2700 g)	1°	53 ft (17.7 m)	22 mm	20 ft (6.1 m)	StarBright XLT®	13 in (330 mm)

ULTIMA SPOTTING SCOPE

Model	Type	Objective Lens Diameter (mm)	Focal Length (mm)	Focal Ratio	Magnification	Weight (oz/g)	Angular Field of View	Linear Field of View (@1000yds)	Eye Relief (mm)	Close Focus (ft/m)	Optical Coatings	Length (in/m)
#52248	65 - 45°	65 mm	386 mm	f/5.9	18-55x	37 oz (1049 g)	1.7°-0.73°	89-38 ft (29.7-12.7 m)	18 mm	20 ft (6.1 m)	Multi-Coated	13 in (330 mm)
#52249	65 - Straight	65 mm	386 mm	f/5.9	18-55x	37 oz (1049 g)	1.7°-0.73°	89-38 ft (29.7-12.7 m)	18 mm	20 ft (6.1 m)	Multi-Coated	16 in (406 mm)
#52250	80 - 45°	80 mm	480 mm	f/6	20-60x	57 oz (1616 g)	2°-1°	105-53 ft (35-17.7 m)	18 mm	27 ft (8.2 m)	Multi-Coated	16 in (406 mm)
#52254	80 - Straight	80 mm	480 mm	f/6	20-60x	57 oz (1616 g)	2°-1°	105-53 ft (35-17.7 m)	18 mm	27 ft (8.2 m)	Multi-Coated	19 in (483 mm)
#52252	100 - 45°	100 mm	540 mm	f/5.4	22-66x	72 oz (2041 g)	1.8°-1°	95-53 ft (31.7-17.7 m)	18 mm	33 ft (10.1 m)	Multi-Coated	19 in (483 mm)
#52257	100 - Straight	100 mm	540 mm	f/5.4	22-66x	72 oz (2041 g)	1.8°-1°	95-53 ft (31.7-17.7 m)	18 mm	33 ft (10.1 m)	Multi-Coated	22 in (559 mm)

REGAL SPOTTING SCOPE

Model	Type	Objective Lens Diameter (mm)	Focal Length (mm)	Focal Ratio	Magnification	Weight (oz/g)	Angular Field of View	Linear Field of View (@1000yds/m)	Eye Relief (mm)	Close Focus (ft/m)	Optical Coatings	Length (in/m)
#52301	65 F-ED	65 mm	386 mm	f/5.9	16-48x	61 oz (1729 g)	2.6°-1.3°	136-68 ft (45.3-22.6 m)	20 mm	15 ft (4.6 m)	Fully-Multi-Coated	13 in (330 mm)
#52302	80 F-ED	80 mm	480 mm	f/6	20-60x	72 oz (2041 g)	2.1°-1.0°	112-56 ft (37.3-18.6 m)	20 mm	20 ft (6.1 m)	Fully-Multi-Coated	17 in (432 mm)
#52303	100 F-ED	100 mm	540 mm	f/5.4	22-67x	89 oz (2523 g)	1.9°-0.9°	100-50 ft (33.3-16.6 m)	20 mm	26 ft (7.9 m)	Fully-Multi-Coated	20 in (508 mm)

RETRACE GPS

Model	Dimensions	Screen Size	Screen Type	Weight	No. of waypoints	Water Resistance	Accessories	Batteries	Digital Compass	TEMP. reading	Altimeter	Barometer	Geocaching	Data Tacking/ Geocaching	System requirements
reTrace Lite: 44850: Green 44851: White	2.12" x 3.29" x 1.0" (54 mm x 83.6 mm x 25.4 mm)	2.0" DIAG (50.8 mm)	B&W LCD	5.4 oz (153 g)	5	Yes- IPX6	Carrying pouch, Carabiner	2- AAA	YES	NO	NO	NO	NO	NO	N/A
reTrace Deluxe: 44856: Blue 44857: White	2.12" x 3.29" x 1.0" (54 mm x 83.6 mm x 25.4 mm)	1.8" DIAG (45.7 mm)	Color TFT/ LCD	5.4 oz (153 g)	20	Yes- IPX6	Carrying pouch, USB cable, Carabiner	2- AAA	YES	YES	YES	YES	YES	YES	Windows based system: PC Computer with Win7, Win Vista or Win XP and newer. 512MB RAM -USB 2.0 Port

WINDGUIDE ANEMOMETER

Model	Dimensions	Screen Size	Screen Type	Weight	Backlight	Impeller Dimensions	Wind Measurement Units	Max Wind Speed	Wind Chill Indicator	Altimeter	Barometer	Hydrometer	Current Time Displayed	Thermometer	Accessories	Batteries
WindGuide: 48020: Yellow 48021: Black	4.25" x 1.72" x .83" (108 mm x 43.7 mm x 21.1 mm)	1.5" DIAG (38 mm)	B&W LCD	2.4 oz (68 g)	Yes: Blue	1" DIA (25.4 mm)	m/sec, Km/ Hour, ft/Min, Knots and MPH	65 MPH	YES	NO	NO	NO	NO	YES	Lanyard, Rubber protective cover	Lithium ion button cell (CR2032)
WindGuide Plus: 48025: Yellow/Black 48026: Green/White	4.86" x 1.87" x .75" (123.5 mm x 47.6 mm x 19 mm)	1.36" DIAG (34.5 mm)	B&W LCD	1.6 oz (45 g)	Yes: Blue	0.6" DIA (14.2 mm)	m/sec, Km/ Hour, ft/Min, Knots and MPH	67 MPH	YES	YES	YES	YES	YES	YES	Lanyard	Lithium ion button cell (CR2032)

TREKGUIDE

Model	Dimensions	Screen Size	Screen Type	Weight	Water Resistance	Accessories	Batteries	Digital Compass	Temp. Reading	Altimeter	Barometer	Bubble Level	Weather Forecast Icons	Calendar and Time Display
48001: Orange 48002: Yellow 48003: Black	2.1" x 4.1" x 0.6" (53.3 mm x 104 mm x 15.2 mm)	2.2" DIAG (55.9 mm)	B&W LCD	2.5 oz (70.9g)	Yes- IPX1	Lanyard	Lithium ion button cell (CR2032)	YES	YES	YES	YES	YES	YES	YES

COURSEPRO GOLF GPS

Model	Dimensions	Screen Size	Screen Type	Screen resolution	Weight	Course Capacity	Water Resistance	Accessories	Batteries	Hazard Creator	Scorecard	Create Course Feature	Edit Course Feature	System requirements
CoursePro: 44870: White/Gray 44871: White/Mauve	2.3" x 4.5" x .97" (58.4 mm x 114.3 mm x 24.6 mm)	2.2" DIAG (55.9 mm)	B&W TFT LCD	240X320/260 k	5 oz (141.8 g)	50	Yes- IPX6	Carrying pouch, USB cable, Belt clip	Rechargeable Lithium ion 1400 mah	NO	NO	NO	YES	Windows based system: PC Computer with Win7, Win Vista or Win XP and newer. 512MB RAM -USB 2.0 Port
CoursePro Elite: 44876: Black/Green 44877: White/Green	2.3" x 4.5" x .97" (58.4 mm x 114.3 mm x 24.6 mm)	1.8" DIAG (45.7 mm)	Color TFT LCD	240X320/260 k	5 oz (141.8 g)	100	Yes- IPX6	Carrying pouch, USB cable, Belt clip	Rechargeable Lithium ion 1100 mah	YES	YES	YES	YES	Windows based system: PC Computer with Win7, Win Vista or Win XP and newer. 512MB RAM -USB 2.0 Port

HOMECAST WEATHER STATIONS

Model	Dimensions	Screen Size	Screen Type	Weight	Radio Frequency	Range	Animated Forecast Display	Comfort Indicator Bar	Alarm Clock	Snooze	Moon Phase Display	Sunrise/ Sunset Display	Moonrise/ Moonset Display	Barometer	Weather Trends	Temperature Range	Batteries
Homecast Deluxe 47022/ 47023*	9.1" x 5.9" x 1.3" (231.2 mm x 149.9 mm x 33 mm)	5.8" DIAG (147.3 mm)	B&W LCD	20.6 oz (584 g)	433MHz	100 ft.	YES	YES: 3 color	YES	YES	YES	YES	YES	YES: With Bar Graph Display	YES: Barometric and Temperature	INDOOR: 0 ~ 50°C [+32 ~ +122°F] OUTDOOR:-20 ~ 50°C [-4 ~ +122°F]	Main Unit: 3 AA Sensor: 2 AAA
Homecast 47021	5.1" x 5.1" x 1.3" (129.5 mm x 129.5 mm x 33 mm)	3.4" DIAG (86.4 mm)	B&W LCD	12.87 oz (364.9 g)	433MHz	100 ft.	YES	YES: 3 color	YES	YES	YES	NO	NO	YES	YES: Barometric and Temperature	INDOOR: 0 ~ 50°C [+32 ~ +122°F] OUTDOOR:-20 ~ 50°C [-4 ~ +122°F]	Main Unit: 2 AA Sensor: 2 AAA
Homecast Lite 47020	4.7" x 3" x 1.1" (119.4 mm x 76.2 mm x 28 mm)	2.2" DIAG (55.9 mm)	B&W LCD	7 oz (198.5 g)	433MHz	100 ft.	NO	NO	YES	NO	NO	NO	NO	NO	NO	INDOOR: 0 ~ 50°C [+32 ~ +122°F] OUTDOOR:-20 ~ 50°C [-4 ~ +122°F]	Main Unit: 2 AA Sensor: 2 AAA

\*47023 For use in Europe



POWERSEEKER TELESCOPE SERIES

Model	Optical Design	Aperture (mm)	Focal Length (mm)	Focal Ratio	Magnification	Barlow Lens	Finder-scope	Weight (lbs/kg)	Highest Useful Magnification	Limiting Stellar Magnitude	Resolution (Rayleigh)	Resolution (Dawes)	Mount	Light Gathering Power	Angular Field of View	Linear Field of View (@1000yds/m)	Optical Coatings	Optical Tube Length
#21039 50AZ	Reflector	50 mm (1.97 in)	600 mm (24 in)	f/12	20 mm eyepiece: 30x 12 mm eyepiece: 50x 4 mm eyepiece: 150x	3x	5x24	6 lbs (2.72 kg)	118x	11.0	2.79 arc secs	2.32 arc secs	Altazimuth	51x	1.4 °	72 ft (22 m)	Coated	24 in (610 mm)
#21041 60AZ	Reflector	60 mm (2.36 in)	700 mm (28 in)	f/21	20 mm eyepiece: 35x 4 mm eyepiece: 175x	3x	5x24	7 lbs (3.18 kg)	142x	11.4	2.32 arc secs	1.93 arc secs	Altazimuth	73x	1.2 °	61 ft (19 m)	Coated	28 in (711 mm)
#21036 70AZ	Reflector	70 mm (2.76 in)	700 mm (28 in)	f/10	20 mm eyepiece: 35x 4 mm eyepiece: 175x	3x	5x24	8 lbs (3.63 kg)	165x	11.7	1.99 arc secs	1.66 arc secs	Altazimuth	100x	1.4 °	74 ft (23 m)	Fully-Coated	30 in (762 mm)
#21043 60EQ	Reflector	60 mm (2.36 in)	900 mm (35 in)	f/15	20 mm eyepiece: 45x 4 mm eyepiece: 225x	3x	5x24	10 lbs (4.54 kg)	142x	11.4	2.32 arc secs	1.93 arc secs	Equatorial	73x	1.1 °	58 ft (18 m)	Coated	36 in (914 mm)
#21037 70EQ	Reflector	70 mm (2.76 in)	700 mm (28 in)	f/10	20 mm eyepiece: 35x 4 mm eyepiece: 175x	3x	5x24	11 lbs (4.98 kg)	165x	11.7	1.99 arc secs	1.66 arc secs	German Equatorial	100x	1.4 °	74 ft (23 m)	Fully-Coated	30 in (762 mm)
#21048 80EQ	Reflector	80 mm (3.15 in)	900 mm (35 in)	f/11	20 mm eyepiece: 45x 4 mm eyepiece: 225x	3x	5x24	19 lbs (8.62 kg)	189x	12.0	1.74 arc secs	1.45 arc secs	German Equatorial	131x	1.2 °	61 ft (19 m)	Fully-Coated	38 in (965 mm)
#21045 114EQ	Ref ector	114 mm (4.49 in)	900 mm (35 in)	f/8	20 mm eyepiece: 45x 4 mm eyepiece: 225x	3x	5x24	19 lbs (8.62 kg)	269x	12.8	1.22 arc secs	1.02 arc secs	German Equatorial	265x	0.9 °	48 ft (15 m)	Aluminum with SiO2	34 in (864 mm)
#21049 127EQ	Ref ector	127 mm (5 in)	1000 mm (39 in)	f/8	20 mm eyepiece: 50x 4 mm eyepiece: 250x	3x	5x24	17 lbs (7.71 kg)	300x	13.0	1.1 arc secs	0.91 arc secs	German Equatorial	329x	0.8 °	43 ft (13 m)	Aluminum with SiO2	20 in (508 mm)

NEXSTAR SLT TELESCOPE SERIES

Model	Optical Design	Aperture (mm)	Focal Length (mm)	Focal Ratio	Magnification	Finder-scope	Weight (lbs/kg)	Highest Useful Magnification	Limiting Stellar Magnitude	Resolution (Rayleigh)	Resolution (Dawes)	Mount	Light Gathering Power	Angular Field of View	Linear Field of View (@1000yds/m)	Optical Coatings	9 Slew Speeds	Alignment Procedures
#22087 90SLT	Maksutov Cassegrain	90 mm (3.54 in)	1250 mm (49 in)	f/14	25 mm eyepiece: 50x 9 mm eyepiece: 139x	Star-Pointer	12 lbs (5.44 kg)	213x	12.3	1.55 arc secs	1.29 arc secs	Motorized Altazimuth	165x	1.0 °	53 ft (16 m)	Fully-Coated	3°/sec, 2°/sec, 1°/sec, 64x,32x, 16x, 8x, 4x, 2x	SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, Solar System Align
#22097 127SLT	Maksutov Cassegrain	127 mm (5 in)	1500 mm (59 in)	f/12	25 mm eyepiece: 60x 9 mm eyepiece: 167x	Star-Pointer	18 lbs (8.16 kg)	300x	13	1.1 arc secs	0.91 arc secs	Motorized Altazimuth	329x	0.83 °	44 ft (13 m)	Fully-Coated	3°/sec, 2°/sec, 1°/sec, 64x,32x, 16x, 8x, 4x, 2x	SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, Solar System Align
#22096 102SLT	Reflector	102 mm (4.02 in)	660 mm (26 in)	f/6	25 mm eyepiece: 26x 9 mm eyepiece: 76x	Star-Pointer	14 lbs (6.35 kg)	241x	12.5	1.37 arc secs	1.14 arc secs	Motorized Altazimuth	212x	1.7 °	91 ft (28 m)	Multi-Coated	4°/sec, 2°/sec, 1°/sec, 5°/sec, 32x,16x, 8x,4x,2x	SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, Solar System Align
#31145 130SLT	Ref ector	130 mm (5.12 in)	650 mm (26 in)	f/5	25 mm eyepiece: 26x 9 mm eyepiece: 72x	Star-Pointer	18 lbs (8.16 kg)	307x	13.1	1.07 arc secs	0.89 arc secs	Motorized Altazimuth	345x	1.7 °	91 ft (28 m)	Aluminum with SiO2	4°/sec, 2°/sec, 1°/sec, 5°/sec, 32x,16x, 8x,4x,2x	SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, Solar System Align

ASTROMASTER TELESCOPE SERIES

Model	Optical Design	Aperture (mm)	Focal Length (mm)	Focal Ratio	Magnification	Finder-scope	Weight (lbs/kg)	Highest Useful Magnification	Limiting Stellar Magnitude	Resolution (Rayleigh)	Resolution (Dawes)	Mount	Tripod	Light Gathering Power	Angular Field of View	Linear Field of View (@1000yds)	Optical Coatings	Optical Tube Length
#21073 LT 60AZ	Reflector	60 mm (2.36 in)	700 mm (28 in)	f/12	20 mm eyepiece: 35x 10 mm eyepiece: 70x	Built-on StarPointer	13 lbs (5.9 kg)	144x	11.4	2.32 arc secs	1.93 arc secs	Altazimuth	1" steel tubes	73x	1.7 °	89 ft (27 m)	Fully-Coated	28 in (711 mm)
#21074 LT 70AZ	Reflector	70 mm (2.76 in)	700 mm (28 in)	f/10	20 mm eyepiece: 35x 10 mm eyepiece: 70x	Built-on StarPointer	16 lbs (7.26 kg)	162x	11.7	1.99 arc secs	1.66 arc secs	Altazimuth	1" steel tubes	100x	1.7 °	89 ft (27 m)	Fully-Coated	28 in (711 mm)
#21036 LT 76AZ	Ref ector	76 mm (2.99 in)	700 mm (28 in)	f/9.21	20 mm eyepiece: 35x 10 mm eyepiece: 70x	Built-on StarPointer	12 lbs (5.44 kg)	180x	11.9	1.83 arc secs	1.53 arc secs	Altazimuth	1" steel tubes	118x	1.7 °	89 ft (27 m)	Aluminum with SiO2	26 in (660 mm)
#21061 70AZ	Reflector	70 mm (2.76 in)	900 mm (35 in)	f/13	20 mm eyepiece: 45x 10 mm eyepiece: 90x	Built-on StarPointer	18 lbs (8.16 kg)	165x	11.7	1.98 arc secs	1.66 arc secs	Altazimuth	1.25" steel tube legs	100x	1.1 °	58 ft (18 m)	Fully-Coated	36 in (914 mm)
#21062 70EQ	Reflector	70 mm (2.76 in)	900 mm (35 in)	f/13	20 mm eyepiece: 45x 10 mm eyepiece: 90x	Built-on StarPointer	18 lbs (8.16 kg)	165x	11.7	1.98 arc secs	1.66 arc secs	CG-2 Equatorial	1.25" steel tube legs	100x	1.1 °	58 ft (18 m)	Fully-Coated	36 in (914 mm)
#21063 90AZ	Reflector	90 mm (3.54 in)	1000 mm (39 in)	f/11	20 mm eyepiece: 50x 10 mm eyepiece: 100x	Built-on StarPointer	20 lbs (9.07 kg)	213x	12.3	1.54 arc secs	1.29 arc secs	Altazimuth	1.25" steel tube legs	165x	1 °	53 ft (16 m)	Multi-Coated	36 in (914 mm)
#21064 90EQ	Reflector	90 mm (3.54 in)	1000 mm (39 in)	f/11	20 mm eyepiece: 50x 10 mm eyepiece: 100x	Built-on StarPointer	27 lbs (12 kg)	213x	12.3	1.54 arc secs	1.29 arc secs	CG-3 Equatorial	1.25" steel tube legs	165x	1 °	53 ft (16 m)	Multi-Coated	36 in (914 mm)
#31035 76EQ	Ref ector	76 mm (2.99 in)	700 mm (28 in)	f/9.21	20 mm eyepiece: 35x 10 mm eyepiece: 70x	Built-on StarPointer	18 lbs (8.16 kg)	180x	11.9	1.82 arc secs	1.53 arc sec	CG-2 Equatorial	1.25" steel tube legs	118x	1.4 °	75 ft (23 m)	Aluminum with SiO2	26 in (660 mm)
#31042 114EQ	Ref ector	114 mm (4.49 in)	1000 mm (39 in)	f/8.77	20 mm eyepiece: 50x 10 mm eyepiece: 100x	Built-on StarPointer	17 lbs (7.71 kg)	269x	12.8	1.21 arc secs	1.02 arc secs	CG-2 Equatorial	1.25" steel tube legs	265x	1 °	53 ft (16 m)	Aluminum with SiO2	20 in (457 mm)
#31045 130EQ	Ref ector	130 mm (5.12 in)	650 mm (26 in)	f/5	20 mm eyepiece: 33x 10 mm eyepiece: 65x	Built-on StarPointer	28 lbs (13 kg)	306x	13.1	1.06 arc secs	0.89 arc sec	CG-3 Equatorial	1.25" steel tube legs	345x	1.5 °	79 ft (24 m)	Aluminum with SiO2	24 in (610 mm)
#31051 130EQ MD	Ref ector	130 mm (5.12 in)	650 mm (26 in)	f/5	20 mm eyepiece: 33x 10 mm eyepiece: 65x	Built-on StarPointer	28 lbs (13 kg)	306x	13.1	1.06 arc secs	0.89 arc sec	CG-3 Equatorial	1.25" steel tube legs	345x	1.5 °	79 ft (24 m)	Aluminum with SiO2	24 in (610 mm)

SPECIALTY TELESCOPES

Model	Model Name	Optical Design	Aperture	Focal Length	Focal Ratio	Magnification	Finderscope	Weight (lbs/kg)	Highest Useful Magnification	Limiting Stellar Magnitude	Resolution (Rayleigh)	Resolution (Dawes)	Light Gathering Power	Optical Coatings
#21034	Ambassador	Reflector	80 mm (3.15 in)	800 mm (31 in)	f/10	25 mm eyepiece: 32x	6x30	28.5 lbs (13 kg)	189x	12	1.74 arc secs	1.45 arc secs	131x	Fully-Coated
#21035	Travel Scope 70	Reflector	70 mm (2.76 in)	400 mm (16 in)	f/5.71	20 mm eyepiece: 20x 10 mm eyepiece: 40x	5x24	3.3 lbs (1.5 kg)	165x	11.7	1.99 arc secs	1.66 arc secs	100x	Fully-Coated
#21038	Travel Scope 50	Reflector	50 mm (1.97 in)	360 mm (14 in)	f/7.2	20 mm eyepiece: 18x 8 mm eyepiece: 45x	2x20	2.2 lbs (1 kg)	118x	11	2.79 arc secs	2.32 arc secs	51x	Coated

FIRSTSCOPE TELESCOPE

Model	Optical Design	Aperture	Focal Length	Focal Ratio	Magnification	Magnification	Weight	Highest Useful	Limiting Stellar	Resolution (Rayleigh)	Resolution (Dawes)	Light Gathering Power
#21024	Ref ector	76 mm (2.99 in)	300 mm (12 in)	f/3.95	15x	75x	69 oz (1956 g)	180x	11.9	1.83 arc secs	1.53 arc secs	118x

SKYPRODIGY TELESCOPE SERIES

Model	Optical Design	Aperture (mm)	Focal Length (mm)	Focal Ratio	Magnification	Finder-scope	Weight (lbs/kg)	Highest Useful Magnification	Limiting Stellar Magnitude	Resolution (Rayleigh)	Resolution (Dawes)	Mount	Light Gathering Power	Angular Field of View	Linear Field of View (@1000yds)	Optical Coatings	9 Slew Speeds	Alignment Procedures
#22089 70	Reflector	70 mm (2.76 in)	700 mm (28 in)	f/10	25 mm eyepiece: 28x 9 mm eyepiece: 78x	Star-Pointer	14 lbs (6.35 kg)	165x	11.7	1.99 arc secs	1.66 arc secs	Motorized Altazimuth	100x	1.7 °	91 ft (28 m)	Fully-Coated	3.5°/sec, 2°/sec, 1°/sec, 5°/sec, 32x,16x, 8x, 4x, 2x	StarSense Automatic Alignment, Solar System Align, Manual Align
#22091 90	Maksutov Cassegrain	90 mm (3.54 in)	1250 mm (49 in)	f/14	25 mm eyepiece: 50x 9 mm eyepiece: 139x	Star-Pointer	16 lbs (7.26 kg)	213x	12.3	1.55 arc secs	1.29 arc secs	Motorized Altazimuth	165x	1 °	53.5 ft (16 m)	Fully-Multi-Coated	3.5°/sec, 2°/sec, 1°/sec, 5°/sec, 32x,16x, 8x, 4x, 2x	StarSense Automatic Alignment, Solar System Align, Manual Align
#31153 130	Ref ector	130 mm (5.12 in)	650 mm (26 in)	f/5	25 mm eyepiece: 26x 9 mm eyepiece: 72x	Star-Pointer	18 lbs (8.16 kg)	307x	13.1	1.07 arc secs	0.89 arc secs	Motorized Altazimuth	345x	1.9 °	103 ft (31 m)	Aluminum with SiO2 Overcoat	3.5°/sec, 2°/sec, 1°/sec, 5°/sec, 32x,16x, 8x, 4x, 2x	StarSense Automatic Alignment, Solar System Align, Manual Align
#22090 102	Reflector	102 mm (4.02 in)	660 mm (26 in)	f/6.5	25 mm eyepiece: 26x 9 mm eyepiece: 73x	Star-Pointer	20 lbs (9.07 kg)	241x	12.5	1.37 arc secs	1.14 arc secs	Motorized Altazimuth	212x	1.7 °	91 ft (28 m)	Fully-Multi Coated	3.5°/sec, 2°/sec, 1°/sec, 5°/sec, 32x,16x, 8x, 4x, 2x	StarSense Automatic Alignment, Solar System Align, Manual Align
#11076 6	Schmidt Cassegrain	152 mm (5.98 in)	1500 mm (59 in)	f/10	25 mm eyepiece: 60x 9 mm eyepiece: 167x	Star-Pointer	23 lbs (10 kg)	359x	13.4	0.92 arc secs	0.76 arc secs	Motorized Altazimuth	472x	0.83 °	43.6 ft (13 m)	StarBright XLT®	3.5°/sec, 2°/sec, 1°/sec, 5°/sec, 32x,16x, 8x, 4x, 2x	StarSense Automatic Alignment, Solar System Align, Manual Align

DIGITAL MICROSCOPES

Model	Dimensions	Screen Size	Screen Type	Weight	Power	Focuser	Objectives	Zoom	Digital Camera Sensor	Illumination	Batteries	Accessories	Internal Memory	External Memory card support	System requirements
44305 Mini Handheld Digital Microscope	3.5" x 1.25" (89 mm x 32 mm)	N/A	N/A	2.9 oz (82 g)	15x to 30x	Single: Focus Knob (integral)	N/A	NO	1.3 MP	LEDs (6)	N/A	CD Rom (Imaging software for PC)	N/A	NO	UVC Plug-n-Play Windows system: Win7, Win Vista or Win XP and newer. 512MB RAM -USB 2.0 Port - CD ROM drive- MAC compatible system 10.4.9 and higher
44302-B Deluxe Handheld Digital Microscope	4.25" x 1.25" (108 mm x 32 mm)	N/A	N/A	4 oz (113 g)	10x to 40x and 150x	Single: Focus Ring (integral)	N/A	NO	2.0 MP	LEDs (6)	N/A	CD ROM, Metal stand	N/A	NO	UVC Plug-n-Play Windows system: Win7, Win Vista or Win XP and newer. 512MB RAM -USB 2.0 Port - CD ROM drive- MAC compatible system 10.4.9 and higher
44311 Portable LCD Digital Microscope	3.8" x 2.5" x 4.2" (96 mm x 63 mm x 107 mm)	3.4" DIAG (86.4 mm)	Color LCD	6.5 oz (187 g)	1x to 3.7x and 54x (w/zoom)	Single: Focus Knob (integral)	N/A	YES (4X-Digital)	3.0 MP	LEDs (3)	2-AA	CD ROM, Metal stand, USB Cable, Carrying case	128 MB Flash card	YES- up to 16G	Windows: Win XP and newer. MAC compatible system 10.4.9 and higher -USB 2.0 Port
44320 Digital Microscope Kit	5.25" x 3.13" x 9.75" (133 mm x 79 mm x 248 mm)	N/A	N/A	22 oz (623.7 g)	Optical: 40x to 600x Digital: to 2000x	Dual: Course	4x, 15x, 30x	YES (With Eyepiece change)	VGA (640x480)	LEDs (2) -1 upper -1 under stage	2-AAA -upper li-luminator	CD ROM, 3 Prepared glass slides, 2 Blank glass slides, USB cable, Light diffuser, Tweezers, Needle probe	N/A	NO	Windows 98/98SE/2000/ME/XP/Vista/Windows 7 operating systems as well as Apple MAC version 10.4.9 and later operating systems.
44325, 44326 Amoeba Dual Purpose Microscope	5.3" x 6.5" x 10" (135 mm x 165 mm x 254 mm)	N/A	N/A	18 oz (510 g)	10x, 60x and 200x	Dual: Course	N/A	NO	1.3 MP	LEDs (2) -1 upper -1 under stage	N/A	Ulead Software/CD ROM, Metal stand 8 Prepared slides, 4 Blank slides, Tweezers, Needle probe, Eyedropper	N/A	NO	Plug & Play with Windows 2000, XP, Vista, 7, and most MACs 10.4.6 and newer
44348 PentaView Touch Screen Microscope	7.0" x 5.5" x 13" (178 mm x 140 mm x 330 mm)	4.3" DIAG (109 mm)	HD LCD Digital Touch-screen	67 oz (1.9 kg)	40x to 2400x	Dual: Course and Fine	Achromatic Glass type: 4x, 10x, 20x, 40x and 60x	YES (4X-Digital)	5.0 MP	LEDs (2) -1 upper -1 under stage (adjustable brightness)	4-AA	Rotatable head, Mechanical stage, Dual focus (coarse and fine), Filter wheel/diaphragm, AV/TV function with cable, 4 GB SD card, Stylus Touch Pen, AC Adaptor with multi-plugs for virtual worldwide usage, USB cable, 10 Prepared slides, Hard Carrying Case	NO	4 GB Flash card	N/A
44340 LCD Digital Microscope	4.5" x 6" x 13" (114 mm x 152 mm x 330 mm)	3.5" DIAG (88.9 mm)	HD Color LCD TFT	51 oz 1446 g	Optical: 40x to 400x Digital to 1600x	Dual: Course	Achromatic Glass type: 4x, 10x and 40x	YES (4X-Digital)	2.0 MP (CMOS)	LEDs (2) -1 upper -1 under stage (adjustable brightness)	N/A	Mechanical stage, Dual coarse focus, Filter wheel, AC Adaptor with multi-plugs for virtual worldwide usage, USB cable, 5 Prepared slides, Hard carrying case	512MB Flash	Supports standard SD card to 16G (No SD card included)	N/A
44345 LCD Deluxe Digital Microscope	6.9" x 5.4" x 12.7" (175 mm x 137 mm x 323 mm)	3.5" (90 mm) with 4x Digital Zoom	High definition touch digital TFT display	60 oz (1.7 kg)	AC Adapter Input Universal 100 to 240 Volt 50/60HZ	Dual: Coarse and Fine	Achromatic, Glass type: 4x, 10x 20x, and 40x	YES (4X-Digital)	2.0 MP (CMOS)	LEDs (2) -1 upper -1 under stage (adjustable brightness)	4-AA	N/A	1 GB	YES- up to 16G	N/A