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Набережные Челны (8552)20-53-41
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Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)22948 -12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
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Таджикистан (992)427-82-92-69



Sky-Watcher®

КАТАЛОГ ПРОДУКЦИИ



Единый адрес для всех регионов

E-mail: stw@nt-rt.ru

Сайт: www.sky-watcher.nt-rt.ru



Sky-Watcher[®]

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TECHNOLOGIES



ALIGNMENT

BRIGHT STAR ALIGNMENT

This is a simple method for finding your way through the stars using your GoTo hand control. Simply select a known object (e.g. Venus) and follow the prompts.



WiFi

WI-FI

The Wi-Fi adapter gives your Sky-Watcher GoTo mount Wi-Fi capability. With the adapter plugged in you can connect the mount to the SynScan App and use your mobile device to control and align your telescope.



LAND & NATURE

LAND & NATURE VIEWING

Unlike astronomical telescopes, these models are equipped with accessories that straighten an image that is both the right way up and the right way round. Perfect for viewing land objects and horizons.



SYNSCAN GOTO

GoTo pointing accuracy: up to 5 arc min. Database: 25 user defined objects. Complete M, NGC and IC catalog, partial SAO catalogues, total 42,900 objects.



FREEDOM FIND

Dual encoders allows manual movement of the mount without losing alignment capabilities.



COLLAPSIBLE

COLLAPSIBLE

These models have a collapsible truss-tube design making them easier to transport. They do not require reassembling between uses.



ED LENS

ED LENS

High quality FPL53 glass with extra low dispersion optics minimise chromatic aberration, providing higher resolution and superior contrast.

LAND & SKY REFRACTORS

KEY FEATURES:

- User level, beginner
- Highly affordable
- Terrestrial and Astronomy use
- Great resolution of the moon and planets
- Lightweight, easy for travelling
- Quick setup time

ACCESSORIES:

- Finderscope (see table)
- 10mm & 25mm Super eyepieces (1.25" barrel)
- 2x Barlow lens (SW607AZ2 & SW707AZ2 only)
- 3x Barlow lens (SW709AZ3 only)

OTHER INFORMATION:

- Mount accessory tray
- Fully multi coated achromatic refractor
- Fine adjustment knobs
- Aluminium tube
- Sturdy aluminium tripod
- 90° erect image diagonal (SW607AZ2 & SW707AZ2)
- 45° erect image diagonal (all other models)



[SW709AZ3]

MODEL	APERTURE	FOCAL LENGTH	FINDERSCOPE	MAGNIFICATION
SW607AZ2	60mm	700mm	6x24mm	70x ; 28x
SW707AZ2	70mm	700mm	6x24mm	70x ; 28x
SW705AZ3	70mm	500mm	Red Dot	50x ; 20x
SW709AZ3	70mm	900mm	6x24mm	90x ; 36x
SW804AZ3	80mm	400mm	6x24mm	40x ; 16x



[SW1025AZ3]



LAND & SKY REFRACTORS

KEY FEATURES:

- User level, beginner
- Highly affordable
- Terrestrial and Astronomy use
- Great resolution of the moon and planets
- Lightweight, easy for travelling
- Quick setup time

ACCESSORIES:

- Finderscope (see table)
- 10mm & 25mm Super eyepieces (1.25" barrel)

OTHER INFORMATION:

- Multi function mount plate
- Fully multi coated
- Achromatic refractor
- Aluminium tube
- Sturdy aluminium tripod
- Fine adjustment knobs
- Mount accessory tray
- 45° erect image diagonal
- 90° erect image diagonal [for SW909AZ3-R & SW1025AZ3]
- New AZ3-R mount [SW909AZ3-R]
- New AZ5 mount [SW102AZ5]

MODEL	APERTURE	FOCAL LENGTH	FINDERSCOPE	MAGNIFICATION
SW906AZ3	90mm	600mm	6x30mm	60x ; 24x
SW909AZ3	90mm	900mm	6x30mm	90x ; 36x
SW1025AZ3	102mm	500mm	Red Dot	50x ; 20x
SW909AZ3-R	90mm	900mm	6x30mm	90x ; 36x
SW1206AZ3	120mm	600mm	Red Dot	60x ; 24x
SW102AZ5	102mm	500mm	6x30mm	50x ; 20x

ASTRONOMY REFRACTORS

KEY FEATURES:

- User level, beginner - enthusiasts
- Great resolution of the moon, planets and deep sky objects
- Lightweight, easy for travelling
- Equatorial mount to manually track the stars

ACCESSORIES:

- Finderscope
- 10mm & 25mm Super Eyepieces (1.25" barrel)
- 2x Barlow lens (SW709EQ1 only)
- 90° Diagonal (1.25" for SW709EQ1 & SW909EQ2, 2" for SW1021EQ3)

OTHER INFORMATION:

- Sturdy aluminium tripod
- Fully multi coated achromatic refractor
- Aluminium tube
- Multi function mount plate
- Mount accessory tray
- Quick setup time
- Counterweight

MODEL	APERTURE	FOCAL LENGTH	FINDERSCOPE	MAGNIFICATION
SW709EQ1	70mm	900mm	6x24mm	90x ; 36x
SW909EQ2	90mm	900mm	6x30mm	90x ; 36x
SW1021EQ3	102mm	1000mm	6x30mm	100x ; 40x



[SW909EQ2]



[SW1301EQ2]

REFLECTOR TELESCOPES

KEY FEATURES:

- User level, beginner
- Magnificent views of the moon, planets, comets and deep sky objects
- Equatorial mount to manually track the stars

ACCESSORIES:

- Finderscope (see table)
- 10mm & 25mm Super eyepieces (1.25" barrel)
- Barlow lens (see table)

OTHER INFORMATION:

- Aluminised parabolic primary mirror
- Aluminium tube
- Sturdy aluminium tripod
- Mount accessory tray
- Optional motor drive (excluding SW767AZ1)
- Alt-Azimuth Mount [SW767AZ1]
- EQ1 Mount with motor [model SW1149EQ1MD]
- EQ2 Mount (all other models)

MODEL	APERTURE	FOCAL LENGTH	FINDER.	2x BARLOW	MAG.
SW767AZ1	76mm	700mm	6x24mm	✓	70x ; 28x
SW1149EQ1	114mm	900mm	6x24mm	✓	90x ; 36x
SW1149EQ1MD	114mm	900mm	6x24mm	✓	90x ; 36x
SW1145EQ1	114mm	500mm	Red Dot	✓	50x ; 20x
SW1301EQ2	130mm	1000mm	6x30mm	N/A	100x ; 40x
SW13065EQ2	130mm	650mm	Red Dot	N/A	65x ; 26x

REFLECTOR TELESCOPES

KEY FEATURES:

- User level, intermediate
- Magnificent views of the moon, planets, comets and deep sky objects
- Equatorial mount to manually track the stars (excluding SW130PAZ3-R & SW130PAZ5)

ACCESSORIES:

- Finderscope (see table)
- 10mm & 25mm Super eyepieces (1.25" barrel)
- Barlow lens (see table)

OTHER INFORMATION:

- Aluminised parabolic primary mirror
- Aluminium tube
- Mount accessory tray
- Sturdy steel tripod (models SW15075EQ3S & SW15075EQ3SD only)
- Optional motor drive (excluding AZ3 & AZ5)
- 2" Crayford focuser
- New AZ3-R mount (SW130PAZ3-R)
- New AZ5 mount (SW130PAZ5)

MODEL	APERTURE	FOCAL LENGTH	FINDER	2x BARLOW	MAG.
SW130PAZ3-R	130mm	650mm	Red Dot	N/A	65x ; 26x
SW130PAZ5	130mm	650mm	Red Dot	N/A	65x ; 26x
SW15075EQ3	150mm	750mm	6x30mm	N/A	75x ; 30x
SW15075EQ3S	150mm	750mm	6x30mm	N/A	75x ; 30x
SW15075EQ3SD	150mm	750mm	6x30mm	N/A	75x ; 30x
SW2001EQ5	200mm	1000mm	9x50mm	✓	100x ; 40x
SW2001EQ5ST	200mm	1000mm	9x50mm	✓	100x ; 40x

[SW2001EQ5]





[SWMAK102EQ2]

EQUATORIAL MAKSUTOV CASSEGRAINS

KEY FEATURES:

- User level, intermediate and advanced users
- Highly recommended for high resolution astrophotography
- Metallic high reflection coatings
- Fully baffled and blackened

OTHER INFORMATION:

- Compact tube ideal for travelling
- 90° Star Diagonal (1.25" barrel)
- Equatorial mount for easy tracking
- Super Eyepieces; 10mm & 25mm (1.25" barrel)
- Mount accessory tray
- Optional Motor Drive

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SWMAK90EQ1	90mm	1250mm	125x; 50x	Red Dot
SWMAK102EQ2	102mm	1300mm	130x; 52x	Red Dot
SWMAK127EQ3	127mm	1500mm	150x; 60x	Red Dot

ALT-AZIMUTH MAKSUTOV CASSEGRAINS

KEY FEATURES:

- User level, intermediate and advanced users
- Metallic high reflection coatings
- Fully baffled and blackened

OTHER INFORMATION:

- Alt-Azimuth mount
- Rolled steel coated tube
- V Style bar connection
- Super Eyepieces; 10mm & 25mm (1.25" barrel)
- Built-in micrometric adjustment knobs
- Ideal for land and nature viewing
- Wide range of adjustment
- 5kg load capacity - AZ5
- 3kg load capacity - AZ3-R
- Worm gear drive
- Rotation Angles: AZ 360° / Alt: -50° to 90° (AZ5 only)

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SW102MAKAZ3-R	102mm	1300mm	130x ; 52x	6x30mm
SW127MAKAZ5	127mm	1500mm	150x ; 60x	6x30mm



[SW127MAKAZ5]

TABLE TOP TELESCOPES



[SWDOB130]



[SWDOBMAK90]



[SWDOB76]

KEY FEATURES:

- User level, beginner - intermediate
- Collapsible table top Dobsonian (SWDOB130)
- Magnificent views of the moon, planets and deep sky objects

OTHER INFORMATION:

- Aluminised parabolic mirrors
- Multi function mount plate
- Gift box packaging
- The SWDOB130 has a collapsible truss-tube design, no disassembling or collimation is required between uses
- The SWDOBMAK90 is auto tracking - option to upgrade to GoTo with the purchase of Synscan hand controller or Wi-Fi Adapter

ACCESSORIES:

- Red Dot finderscope
- 10mm & 25mm Super Eyepieces (1.25" barrel)
- 90° Star Diagonal (SWDOBMAK90 only)

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION
SWDOB76	76mm	300mm	30x ; 12x
SWDOBMAK90	90mm	1250mm	125x ; 50x
SWDOB130	130mm	650mm	65x ; 26x

CLASSIC DOBSONIANS

KEY FEATURES:

- User level, beginner - intermediate
- Amazing light gathering power
- Magnificent views of the moon, planets, comets, stars, galaxies, nebulae
- Solid tube

ACCESSORIES:

- Finderscope
- 10mm & 25mm Super Eyepieces (1.25" barrel)
- 2" to 1.25" adapter with T2 thread.

OTHER INFORMATION:

- Tension control system
- Super-smooth Alt-Azimuth mount
- 2" Crayford focuser

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SWDOB150	6"	1200mm	120x ; 48x	6x30mm
SWDOB200	8"	1200mm	120x ; 48x	9x50mm
SWDOB250	10"	1200mm	120x ; 48x	9x50mm
SWDOB300	12"	1500mm	150x ; 60x	9x50mm

[SWDOB300]





[SWDOB300C]

COLLAPSIBLE DOBSONIANS



KEY FEATURES:

- User level, intermediate - professional
- Amazing light gathering power
- Collapsible transportable Dobsonian
- Magnificent views of the moon, comets, planets, stars, galaxies, nebulae

ACCESSORIES:

- 9x50mm finderscope
- 10mm & 25mm Super Plossl eyepieces (1.25" barrel)
- 2" to 1.25" adapter with T2 thread

OTHER INFORMATION:

- Collapsible truss-tube design, no disassembling
- 2" Crayford dual-speed focuser (14" and 16" models)
- Easy collimation
- Ultra thin secondary mirror supports
- Accessory tray
- Optional shroud
- Optional GoTo Upgrade Kits available on all models

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION
SWDOB200C	8"	1200mm	120x ; 48x
SWDOB250C	10"	1200mm	120x ; 48x
SWDOB300C	12"	1500mm	150x ; 60x
SWDOB350C	14"	1600mm	160x ; 64x
SWDOB400C	16"	1800mm	180x ; 72x

GOTO COLLAPSIBLE DOBSONIANS

KEY FEATURES:

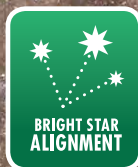
- User level, intermediate - professional
- Amazing light gathering power
- Collapsible transportable Dobsonian
- View moon, comets, planets, stars, galaxies, nebulae

ACCESSORIES:

- 9x50mm finderscope
- 10mm & 25mm Super Plossl eyepieces (1.25" barrel)
- 2" to 1.25" adapter with T2 thread
- Accessory tray
- SynScan™ hand control

OTHER INFORMATION:

- Collapsible truss-tube design, no disassembling
- Easy collimation
- 2" Crayford dual-speed focuser (14" and 16" models)
- Optional Wi-Fi adapter
- Ultra thin secondary mirror supports



[SWDOB400CGT]

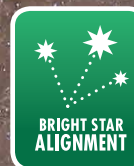


MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION
SWDOB200CGT	8"	1200mm	120x ; 48x
SWDOB250CGT	10"	1200mm	120x ; 48x
SWDOB300CGT	12"	1500mm	150x ; 60x
SWDOB350CGT	14"	1600mm	160x ; 64x
SWDOB400CGT	16"	1800mm	180x ; 72x



[SWDOB500CGT]

STAR GATE DOBSONIANS



KEY FEATURES:

- User level, intermediate - professional
- Collapsible transportable Dobsonian
- View moon, planets, comets, stars, galaxies, nebulae

ACCESSORIES:

- 9x50mm finderscope
- 10mm & 25mm Super Plossl eyepieces (1.25" barrel)
- 28mm LET28 (2" barrel)
- 2" to 1.25" adapter
- Full length shroud (optional for 18")
- Primary and secondary mirror covers
- Collimation eyepiece

OTHER INFORMATION:

- High quality/precision parabolic mirror
- 2" Crayford dual-speed focuser
- Collapsible truss design, 30min setup time
- Tension Control System (non GoTo version)
- Optional Wi-Fi adapter

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	GO-TO
SWDOB450	458mm	1900mm	190x ; 76x ; 68x	
SWDOB450GT	458mm	1900mm	190x ; 76x ; 68x	✓
SWDOB500C	508mm	2000mm	200x ; 80x ; 71x	
SWDOB500CGT	508mm	2000mm	200x ; 80x ; 71x	✓

STAR EXPLORER

KEY FEATURES:

- User level, beginner - intermediate
- High quality optics
- Magnificent views of the moon, comets, planets and stars
- Sidereal, Lunar and Solar tracking rates

ACCESSORIES

- 10mm & 25mm Super eyepieces (1.25" barrel)
- Moon filter (not with all models)
- 6x24mm finderscope (114/500 model)
- 6x30mm finderscope (all other models)
- 90° Diagonal (SW102MAKSE and SW127MAKSE only)

OTHER INFORMATION:

- Fully multi-coated optics
- Optional Wi-Fi adapter
- Stainless steel tripod
- Accessory tray
- Auto-tracking Alt-Azimuth mount

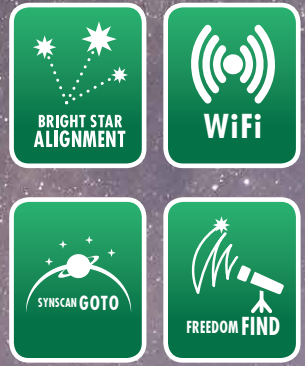
MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	2x BARLOW
SW114PSE	114mm	500mm	50x ; 20x	✓
SW130PSE	130mm	650mm	65x ; 26x	✓
SW102MAKSE	102mm	1300mm	130x ; 52x	N/A
SW127MAKSE	127mm	1500mm	150x ; 58x	N/A



[SW127MAKSE]



[SW127MAK-MINIAZ]



MINI AZ

KEY FEATURES:

- Wi-Fi controlled (iOS and Android)
- User level, beginner - intermediate
- High quality optics
- Magnificent views of the moon, comets, planets and stars
- Sidereal, lunar and solar tracking rates

ACCESSORIES

- Star Adventurer tripod
- 10mm & 25mm Super eyepieces (1.25" barrel)
- 90° diagonal, MiniAZ extension tube (no 90° Diagonal on SW130P-MINIAZ)
- Red Dot finderscope

OTHER INFORMATION:

- Fully multi-coated optics
- Accessory tray
- Auto-tracking Alt-Azimuth mount



MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SW130P-MINIAZ	130mm	650mm	65x; 26x	Red Dot
SW102MAK-MINIAZ	102mm	1300mm	130x; 52x	Red Dot
SW127MAK-MINIAZ	127mm	1500mm	150x; 60x	Red Dot



STAR DISCOVERY

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION
SW130NSD-R	130mm	650mm	65x : 26x
SW150NSD-R	150mm	750mm	75x : 30x
SW102RSD-R	102mm	500mm	50x : 20x
SW90MAKSD-R	90mm	1250mm	125x : 50x
SW102MAKSD-R	102mm	1300mm	130x : 52x
SW127MAKSD-R	127mm	1500mm	150x : 60x
SWSTARDISC	STAR DISCOVERY AZ GOTO MOUNT STEEL TRIPOD 5KG LOAD		



KEY FEATURES:

- User level, beginner - intermediate
- Views of the moon, comets, planets and stars
- Slewing speeds: 1x, 2x, 16x, 32x, 64x, 128x, 400x, 500x, 600x, 800x
- Payload 5kg (or telescope up to 5kg)
- Dual encoders

ACCESSORIES:

- Finderscope 6x30mm Achromatic or Red Dot finderscope (SW102RSD-R)
- 1.25" Super Eyepieces, 10mm and 25mm
- 45° erecting Diagonal for SW102RSD-R
- 90° erecting Diagonal for the Maksutovs
- 2x Barlow lens w/camera adapter
- Snap cable (optional)
- Hand control holder
- Stainless steel tripod with accessory tray

OTHER INFORMATION:

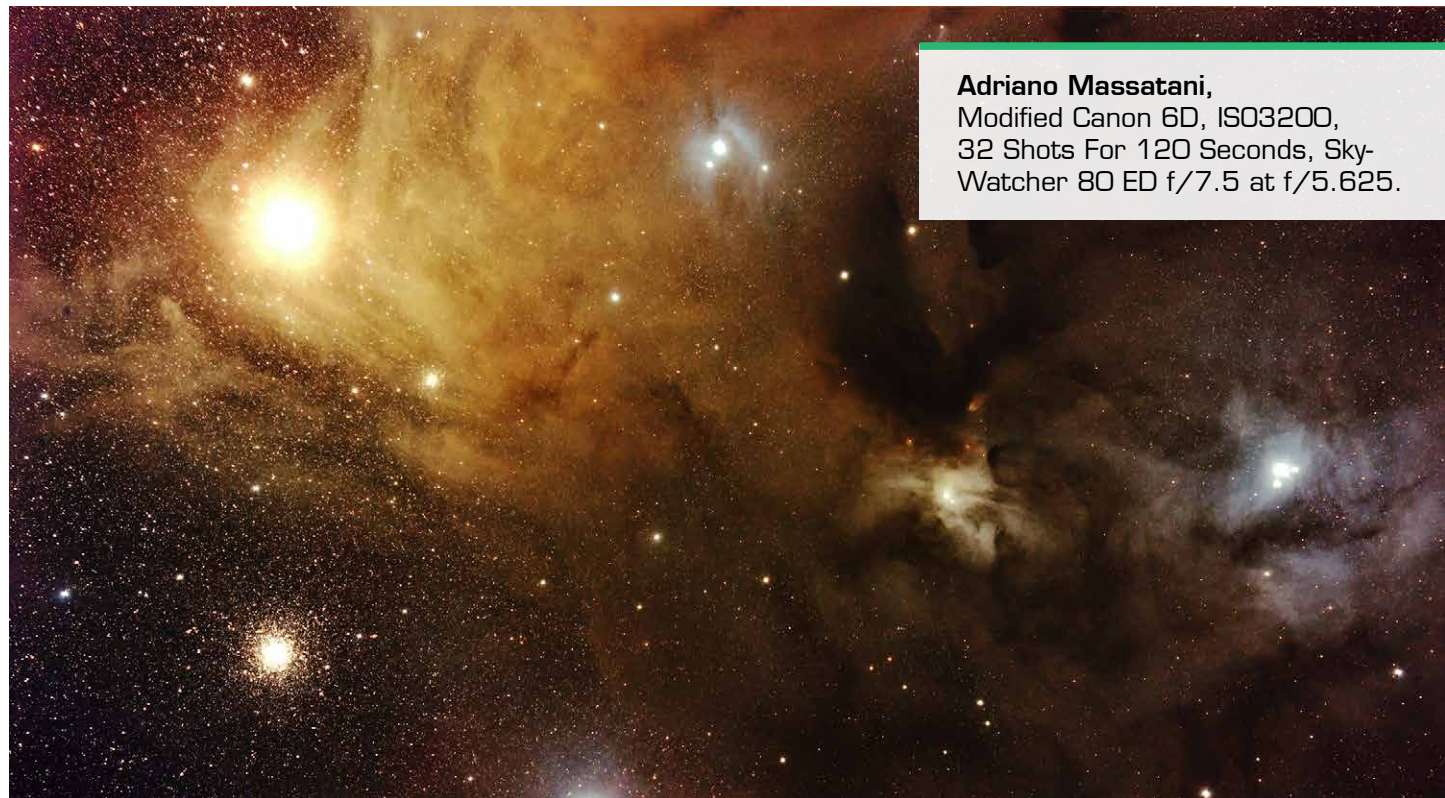
- Fully multi-coated optics
- Auto-tracking Alt-Azimuth mount
- Tracking rates: Sidereal, Lunar, Solar
- Optional Wi-Fi adapter
- Optional camera L-bracket
- Telescope connection: V bar



Phil Hart,
Canon 6D, Samyang 35mm lens
f2.8, 2 mins, ISO800. Tracking on
Sky-Watcher Star Adventurer.



Duncan Milburn,
Sky-Watcher Esprit 100mm on EQ6
Canon 1100D Astro-Modified
4.5 hours (27x10 min) ISO800
Processed in Pixinsight.



Adriano Massatani,
Modified Canon 6D, ISO3200,
32 Shots For 120 Seconds, Sky-
Watcher 80 ED f/7.5 at f/5.625.

BLACK DIAMOND PHOTO REFLECTORS & QUATTROS

OTA

KEY FEATURES:

- User level, intermediate and advanced users
- Highly recommended for astrophotography
- Fast F4 focal ratios (Quattros only)
- Metallic high reflection coatings
- Fully baffled and blackened

OTHER INFORMATION:

- Rolled steel coated tube
- Cast aluminum tube rings, with "V" Series Dovetail Bar
- Optional coma corrector
- Eyepiece LET28mm
- 2" dual-speed Crayford focuser
- 2" to 1.25" adapter with T2 thread.
- Ultra thin secondary mirror supports

RECOMMENDED MOUNT:

- EQ5
- AZEQ5
- NEQ6 Pro
- EQ6-R
- AZEQ6
- HEQ5

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SW13065AP-OTA	130mm	650mm	23x	6x30mm
SW15075AP-OTA	150mm	750mm	27x	6x30mm
SW2001AP-OTA	200mm	1000mm	36x	9x50mm
SW25012AP-OTA	250mm	1200mm	43x	9x50mm
SW30015AP-OTA	300mm	1500mm	54x	9x50mm



[SW15075AP-OTA]



[SWP2501-OTA]

QUATTROS:

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION
SWP2008-OTA	200mm	800mm	29x
SWP2501-OTA	250mm	1000mm	36x

OTA



[SWMAK180-OTA]

BLACK DIAMOND MAKSUTOV CASSEGRAINS

KEY FEATURES:

- User level, intermediate and advanced users
- Highly recommended for high resolution astrophotography
- Metallic high reflection coatings
- Fully baffled and blackened
- Fully multi-coated Meniscus lens

OTHER INFORMATION:

- Rolled steel, powder-coated tube
- Premium 2" Diagonal
- Eyepiece LET28mm
- 9x50mm finderscope

RECOMMENDED MOUNTS:

- EQ5
- EQ6-R
- NEQ6 Pro
- AZEQ5
- AZEQ6
- HEQ5

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SWMAK127-OTA	127mm	1500mm	54x	9x50mm
SWMAK150-OTA	150mm	1800mm	64x	9x50mm
SWMAK180-OTA	180mm	2700mm	96x	9x50mm

OTA

PREMIUM PHOTO MAKSUTOV REFLECTOR

KEY FEATURES:

- User level, intermediate and advanced users
- Highly recommended for astrophotography
- Metallic high reflection coatings
- Fully baffled and blackened

OTHER INFORMATION:

- Cast aluminium tube rings, with "V" Series Dovetail Bar
- 9x50mm Right Angle finderscope
- 2" dual-speed Crayford focuser
- Pyrex mirrors

RECOMMENDED MOUNTS:

- EQ5
- AZEQ5
- NEQ6 Pro
- EQ6-R
- AZEQ6
- HEQ5

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION
SWDM190-OTA	190mm	1000mm	36x



[SWDM190-OTA]

OTA



[SWBD1021-OTA]

BLACK DIAMOND ACHROMATIC REFRACTORS

KEY FEATURES:

- User level, intermediate and advanced users
- High transmission coatings

OTHER INFORMATION:

- Rolled steel, powder-coated tube
- Cast aluminium tube rings, with "V" series dovetail bar
- Premium 2" Diagonal
- 10mm & 25mm Super Eyepieces (1.25" barrel)
- 2" to 1.25" adapter with T2 thread

RECOMMENDED MOUNTS:

- EQ5
- EQ6-R
- NEQ6 Pro
- AZEQ5
- AZEQ6
- HEQ5

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SWBD1021-OTA	102mm	1000mm	100x ; 36x	9x50mm
SWBD1201-OTA	120mm	1000mm	100x ; 36x	9x50mm

BLACK DIAMOND ED DOUBLET REFRACTORS

OTA

KEY FEATURES:

- User level, intermediate and advanced users
- Highly recommended for astrophotography
- Apochromatic refractor
- High transmission coatings
- Fully baffled and blackened
- FPL-53 and Schott optical glass (excluding SWBDED150-OTA)
- Dual speed focuser (excluding SWED80-OTA)

OTHER INFORMATION:

- Aluminium foam lined case included (excluding SWED80-OTA)
- Rolled steel, powder-coated tube
- Cast aluminum tube rings, with "V" series dovetail bar
- 9x50mm finderscope (excluding SWED80-OTA)
- Premium 2" Diagonal (excluding SWED80-OTA)
- Optional Focal reducer / field flattener
- Eyepiece LET28mm

RECOMMENDED MOUNTS:

- EQ5
- AZEQ5
- NEQ6 Pro
- EQ6-R
- AZEQ6
- HEQ5

MODEL	APERTURE	FOCAL LENGTH	MAGNIFICATION	FINDERSCOPE
SWED80-OTA	80mm	600mm	Tube only, no accessories.	
SWBDED80-OTA	80mm	600mm	21x	9x50mm
SWBDED100-OTA	100mm	900mm	32x	9x50mm
SWBDED120-OTA	120mm	900mm	32x	9x50mm
SWBDED150-OTA	150mm	1200mm	42x	9x50mm



[SWBDED100-OTA]



[SWBDED80-OTA]

OTA



[SWESPRIT120]



ESPRIT ED TRIPL REFRACTORS

MODEL	APERTURE	FOCAL LENGTH	CORRECTED FIELD
SWESPRIT80	80mm	400mm	33mm
SWESPRIT100	100mm	500mm	40mm
SWESPRIT120	120mm	840mm	44mm
SWESPRIT150	150mm	1050mm	44mm

RECOMMENDED MOUNTS:

- HEQ5
- AZEQ5
- AZEQ6
- EQ8
- NEQ6 Pro
- EQ6-R

OTHER INFORMATION:

- Thread-on Field Flatteners included
- 2" thread on adapter
- 2" to 1.25" adapter
- 2" dielectric diagonal
- Canon camera adapter included
- Tube Rings with "V" Series Dovetail Bar
- Aluminium case included
- 9x50mm 90° Finderscope

KEY FEATURES:

- 3-element objective lenses (one Ohara "ED" FPL-53 extra dispersion and 2 x Schott lenses)
- 3" CNC machined 11:1 rotatable dual-speed linear power focuser
- Excellent field flatness
- Zero detectable colour fringing even on bright objects
- High-transmission lens coatings
- Knife-edge Baffled Optical System
- High-precision mechanical components
- Aluminium OTA material
- Retractable dew shield

EQUATORIAL PRO MOUNTS

KEY FEATURES:

- Positioning accuracy up to 5 arc minutes
- Internal DC stepper motors
- ST4 auto guider interface
- Minimal vibration
- Tracking rates Sidereal, Lunar and Solar
- V style plate (all models)
- D Style plate (EQ6, NEQ6)
- Counterweights
- Stainless steel tripod
- Setting circles
- Northern and Southern hemisphere Polar scope
- Programmable permanent periodic error correction

OPTIONAL:

- Extra counterweights
- Optional Wi-Fi adapter
- Aluminium case for NEQ6 models
- Power tank



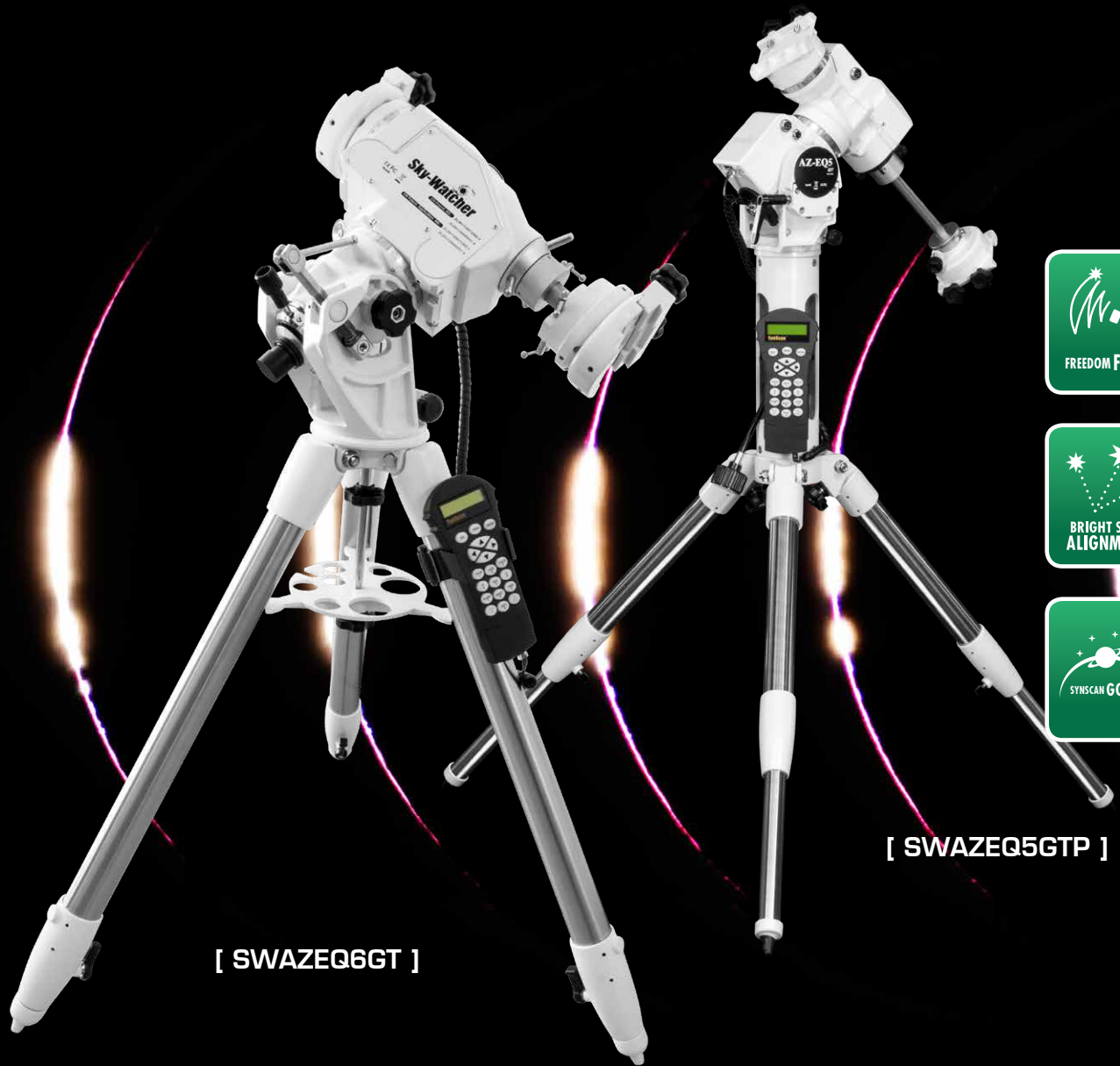
MODEL	PAYLOAD
SWEQ3PRO	Up to 5.5kg
SWEQ5PRO	Up to 9kg
SWHEQ5PRO	Up to 15kg
SWNEQ6PRO	Up to 22kg
SWEQ6-R	Up to 22kg



[SWEQ6-R]

*2 counterweights included only

[SWNEQ6PRO]



AZGT PRO MOUNTS

KEY FEATURES:

- Equatorial and Alt-Az dual mode
- Pointing accuracy up to 5 arc minutes
- Hybrid stepper motor drives on both axes
- Max speed 4.2°/second
- ST4 Auto guider interface
- Belt driven (all models)
- V style plate (all models)
- D Style plate (AZEQ6)
- Setting circles
- Auto guiding speed 0.125x, 0.25x, 0.5, 0.75x, 1x



ACCESSORIES INCLUDED:

- AZEQ6: 5kg counterweight (SWA-CWAZEQ6)
- AZEQ5: counterweights included (SWAZEQ5GTT)
- Polar scope (only for SWAZEQ6GT)

OPTIONAL:

- Illuminated Southern & Northern hemisphere Polar scope (for AZEQ5)
- Extra counterweights
- Optional Wi-Fi adapter
- Power tank

MODEL	PAYLOAD	TRIPOD / PIER
SWAZEQ5GTT	Up to 15kg	Tripod
SWAZEQ5GTP	Up to 15kg	Pier
SWAZEQ6GT	Up to 22kg	Tripod (Optional Pier)

AZ MOUNTS

SWAZ3-R KEY FEATURES:

- Smaller, lighter and more durable than previous models
- Micrometric adjustment knobs
- Ideal for land and nature viewing
- 3kg load capacity
- Alt-Azimuth design
- AZ has 180 teeth
- ALT has 116 teeth
- 360° fine adjustment

SWAZ5 KEY FEATURES:

- Built-in micrometric adjustment knobs (short)
- Ideal for land and nature viewing
- Wide range of adjustment
- Alt-Azimuth design
- 5kg load capacity
- V style bar connection
- Worm gear drive
- Rotation Angles: AZ 360° / Alt: -50° to 90°

MODEL	PAYLOAD	TRIPOD / PIER
SWAZ3-R	Up to 3kg	Tripod
SWAZ5	5kg with Portable Tripod	Tripod
SWAZ4A	Up to 8.4kg	Tripod

[SWAZ3-R]

[SWAZ5]





[SWAZMINI]



MINI AZ-GT MOUNT



KEY FEATURES:

- Wi-Fi controlled (iOS and Android)
- Go-To via SynScan free app
- Freedom finder dual encoder
- DC12V voltage
- 5kg load capacity
- DC motor
- Dimensions: 14cm x 9cm x 14cm

ACCESSORIES:

- Portable tripod (3/8" screw connection)
- Accessory tray
- Snap cable (2.5mm audio jack)
- 216mm extension pier

OTHER FEATURES:

- Vixen style bar compatible
- Compatible with standard 3/8" screw tripods
- Snap port
- SynScan hand controller compatible
- 7.5-14V supply or 8 AA batteries (battery case inside the mount)
- Adjustable tripod: 640mm to 1125mm

MODEL	PAYLOAD	TRIPOD / PIER
SWAZMINI	Up to 5kg	Tripod

STAR ADVENTURER MODULAR EQ MOUNT

MODEL	FEATURES
SWSTAR-MOUNT	Star Adventurer Mount - BLACK
SWSTAR-MOUNT-RED	Star Adventurer Mount - RED
SWSTAR-KIT	Star Adventurer Kit BLACK
SWSTAR-KIT-R	Star Adventurer Kit RED

MOUNT INCLUDES:

SWSTAR-BALL	Connect to ball head tripod
SWSTAR-ADJ-B	Star Adventurer adjusting base on dovetail

MOUNT OPTIONAL ACCESSORIES:

SWSTAR-WEIGHT	Counterweight and bar to balance your camera
SWSTAR-WEDGE / RED	Equatorial wedge base - BLACK or RED
SWSTAR-TRI	Star Adventurer tripod - BLACK

KIT INCLUDES:

Items included with MOUNT (SWSTAR-BALL & SWSTAR-ADJ-B) PLUS:	
SWSTAR-WEIGHT	Counterweight and bar to balance your camera
SWSTAR-WEDGE / RED	Equatorial wedge base - BLACK or RED

KEY FEATURES:

The Star Adventurer is a user friendly modular mount designed for wide field astrophotography and time-lapse photography. It is a precise, portable and stable celestial tracking platform for Sidereal, Solar & Lunar tracking with automatic DSLR shutter release control (using snap shot cable sold separately). It also contains pre-programmed parameters assisting you to create interesting time-lapse videos with your DSLR.

STAR ADVENTURER INFORMATION:

- DSLR interface for automatic shutter control
- Built-in auto-guiding interface
- Compatible with mini USB power supply
- Compatible with 3/8" and 1/4" tripod thread
- Free firmware upgrade
- Polar scope (southern hemisphere) w/ illuminator
- Maximum payload 5kg
- Optional snap cable

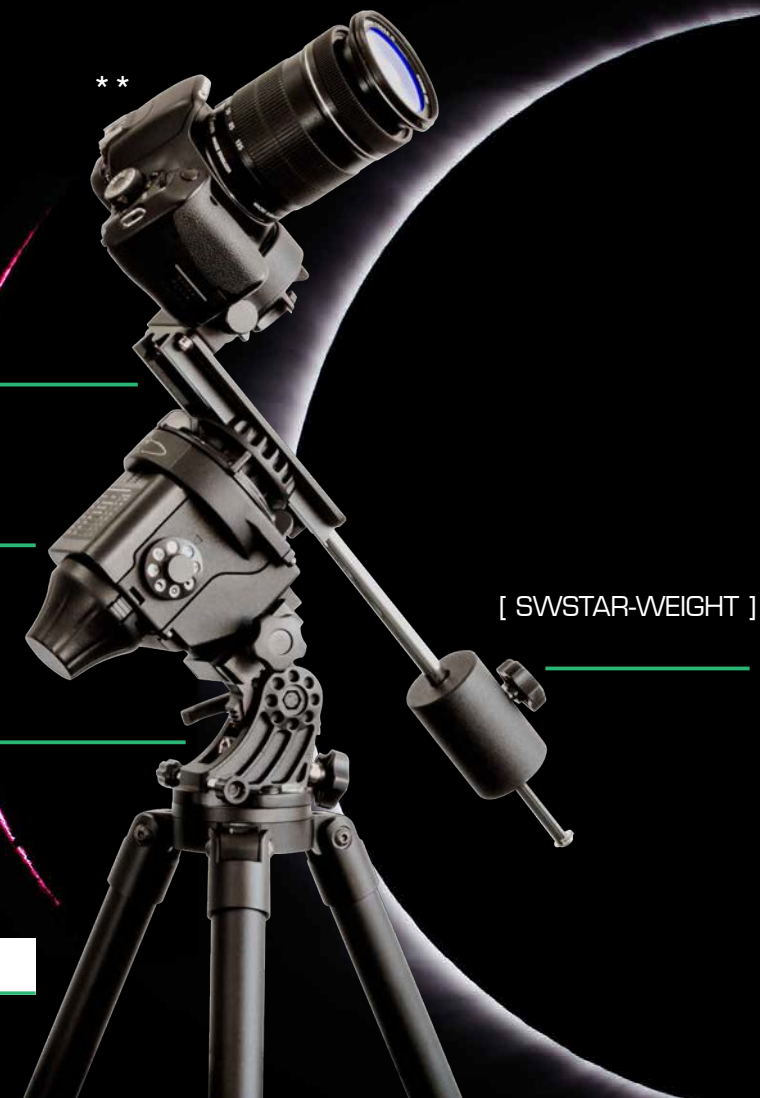
[SWSTAR-KIT]*

[SWSTAR-ADJ-B]

[SWSTAR-MOUNT]

[SWSTAR-WEDGE]

[SWSTAR-WEIGHT]



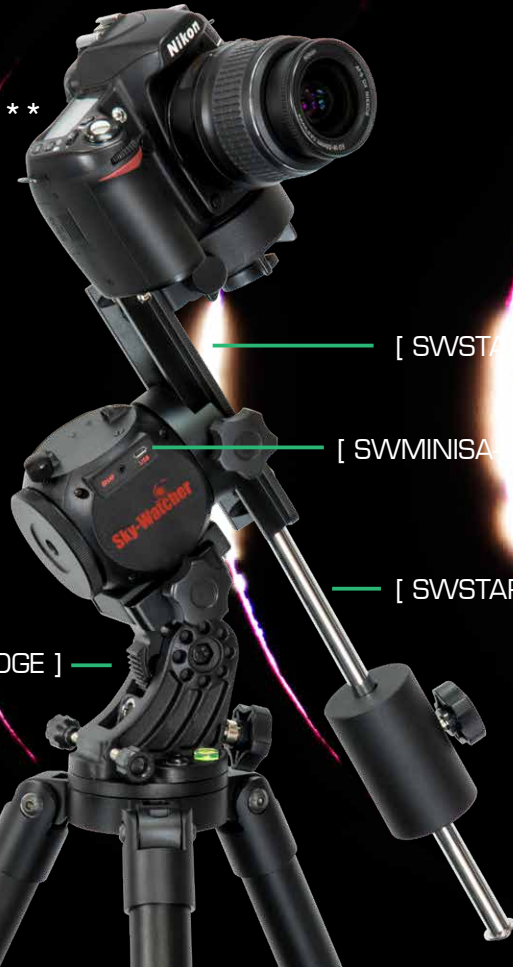
*Shown in BLACK, also available in RED

**Camera not included - for styling purposes only

[SWMINISA-KIT-BLK]*

[SWMINISA-MOUNT-R]
plus
[SWSTAR-WEDGE-RED]

STAR ADVENTURER MINI - SAM MODULAR EQ MOUNT



**

[SWSTAR-ADJ-B]

[SWMINISA-MOUNT-B]

[SWSTAR-WEIGHT]

[SWSTAR-WEDGE]



STAR ADVENTURER MINI CONSOLE APP



STAR ADVENTURER MINI INFORMATION:

- Wi-Fi connectivity
- Multiple pre-programmed speeds for time lapse photography
- Tracking rate selectable between Sidereal, Solar and Lunar, 0.5x, 2x, 6x, 12x
- Polar scope (southern hemisphere) w/ illuminator
- Maximum payload: 3kg
- Optional snap cable

MODEL	FEATURES
SWMINISA-MOUNT-B	Star Adventurer Mini, Wi-Fi, BLACK
SWMINISA-MOUNT-R	Star Adventurer Mini, Wi-Fi, - RED
SWMINISA-KIT-BLK	Star Adventurer Mini BLACK
SWMINISA-KIT-RED	Star Adventurer Mini - RED

MOUNT INCLUDES:

SWSTAR-BALL	Connect to ball head tripod
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MOUNT OPTIONAL ACCESSORIES:

SWSTAR-WEIGHT	Counterweight to balance your camera
SWSTAR-WEDGE / RED	Equatorial wedge base - BLACK or RED
SWSTAR-ADJ-B	Star Adventurer adjusting base on dovetail
SWSTAR-TRI	Star Adventurer tripod - BLACK

KIT INCLUDES:

Items included in MOUNT (SWSTAR-BALL & POLAR SCOPE) **PLUS:**

SWSTAR-WEIGHT	Counterweight to balance your camera
SWSTAR-WEDGE / RED	Equatorial wedge base - BLACK or RED
SWSTAR-ADJ-B	Star Adventurer adjusting base on dovetail

KEY FEATURES:

The Star Adventurer MINI (SAM) is a user friendly modular mount designed for wide field astrophotography and time-lapse photography. It is a precise, portable and stable celestial tracking platform for Sidereal, Solar & Lunar tracking with automatic DSLR shutter release control (using snap shot cable sold separately). Download the app and control it with your Wi-Fi enabled device. Pre-programmed functions also available.

*Shown in BLACK, also available in RED

**Camera and ball head not included - for styling purposes only

EQ8 PRO MOUNT

KEY FEATURES:

- 50kg payload & storage case for head
- Pointing accuracy up to 5 arc-minutes
- Super smooth PE curve
- Internal DC hybrid steppe motors
- Maximum slewing speed 3.3°/sec
- Auto-guiding speed 0.125x, 0.25, 0.5x, 0.75x, 1x
- ST4 auto guider interface
- Programable permanent periodic error correction
- Auto home function
- Adjustable pier (1.75m - 1m)
- V style plate, D style plate
- Sideral, Solar & Lunar tracking rates



ACCESSORIES:

- EQ8 Polar scope (SWA-POLAR-EQ8)
- 2x 10kg EQ8 counterweights (SWA-CWEQ8)

OTHER INFORMATION:

- External Polar scope
- Extra counterweights
- DSLR cable (only for supported cameras; Canon, Nikon, Sony Pentax)
- Optional Wi-Fi adapter
- Power tank

MODEL	PAYLOAD
SWEQ8	Up to 50kg
SWEQ8-NOPIER	Up to 50kg



[SWEQ8]

BRASS COLLECTIBLE



[OP80900]



[OP154550]

KEY FEATURES:

- Brass coating finishing for classy look
- High quality 80mm multi-coated optics for clear, bright images
- Premium quality brass
- Precision 1.25" rack and pinion focuser
- Adjustable height tripod made from rich mahogany and features brass fittings
- Classic styled timber-brass Alt-Azimuth mount
- Erect image for land viewing
- 5 years Sky-Watcher limited warranty

ACCESSORIES:

- 25mm brass Plossl eyepiece
- OP80900 includes 6x30mm achromatic brass finderscope

MODEL	DESCRIPTION
OP80900	80x900mm Brass Mahogany Tripod
OP154550	15-45x50mm Brass Mahogany Tripod
AC25X30	25x30mm Brass Monocular Collapsible

ACUTER SPOTTING SCOPES

KEY FEATURES:

- Waterproof / dustproof / fogproof
- O-ring sealed
- Nitrogen purged
- 45° angle eyepiece
- Retractable lens hood to prevent stray light from entering the objective lens
- Carry bag included
- 1/4" camera tripod thread
- Accept 1.25" barrel eyepieces (GrandVista models)
- Zoom eyepiece, dual speed 15:1 focuser (GrandVista)

OTHER INFORMATION:

- The DS80ED includes ED (Extra low Dispersion) optics to minimise chromatic aberration, providing higher resolution and superior contrast.

MODEL	MAGNIFICATION	DESCRIPTION
ST1648X65A	16-48x65mm	Nature Close zoom eyepiece
ST2060X80A	20-60x80mm	Nature Close zoom eyepiece
ST2267X100A	22-67x100mm	Nature Close zoom eyepiece
DS65A	16-48x65mm	GrandVista zoom dual speed (15:1) focuser
DS80A	20-60x80mm	GrandVista zoom dual speed (15:1) focuser
DS80ED	20-60x80mm	GrandVista zoom dual speed (15:1) focuser ED



[ST2267X100A]



[DS80ED]

ACUTER ASTRONOMY BINOCULARS



[OP2080]



[OP25100]



[OSL1570]

KEY FEATURES:

- Suitable for astronomy use
- Central focusing (excluding OP25100)
- Long eye relief
- Fully multi-coated
- Porro Bak-4 Prism
- Water resistant & weatherproof
- Heavy-duty tripod adapter (OP2080 & OP25100)

ACCESSORIES:

- Soft carry bag (SL1570 & OP2080)
- Hard carry case (AC15X70FZ & OP25100)

MODEL	DESCRIPTION
SL1570	15x70mm Skylander Observation Binoculars
AC15X70FZ	15x70mm Water Proof BaK-4 Prisms hard case inc.
OP2080	20x80mm Jumbo Binoculars
OP25100	25x100mm Jumbo Binoculars



LED TORCHES

LED RED LIGHT



LED RED/ WHITE LIGHT



ACCESSORIES

ASTRONOMY CAMERAS

SOLAR SYSTEM IMAGER

Available in Colour or Monochrome



SYNGUIDER

GUIDESCOPE MOUNT



WI-FI ADAPTER



SOLAR FILTERS

MAKSUTOV

90mm / 102mm / 127mm / 150mm / 180mm

NEWTONIAN

76mm / 114mm / 130mm / 150mm / 200mm / 250mm / 300mm

REFRACTOR

70mm / 80mm / 90mm / 102mm / 120mm / 150mm

EVOSTAR 72ED



EVO GUIDE



SKY-WATCHER 2" EYEPIECE & FILTER KIT

- 2" Eyepieces - 3-element fully multicoated optical design with a 56° field of view (40mm has 50°)
- 26mm/32mm/40mm
- 2" 2x Barlow Lens
- Coloured filters:
#12 (deep yellow) 2"
#21 (orange) 2"
#25 (red) 2"
#58 (green) 2"
#80A (blue) 2"
- 2" Mirror Diagonal
SWA-EPKIT4



SKY-WATCHER EYEPIECE & FILTER STARTER KIT

- 1.25"
 - 15mm Kellner Eyepiece
 - 6mm Plossl Eyepiece
 - 2x Barlow Lens - T-threads
 - #80A Blue Planetary Filter
 - #25 Red Planetary Filter
 - Moon Filter
- SWA-EPKIT2



SKY-WATCHER PANORAMA SERIES

- 15mm 82° Wide Angle 1.25"
 - 7mm 82° Wide Angle 1.25"
 - 23mm 82° Wide Angle 2"
 - 82° Wide Angle
Long Eye Relief
(ZF13,H-ZK9A,ZF7)
- SWA-EPKIT3



58° LONG EYE RELIEF

Available in 4mm, 5mm, 6mm, 7mm, 8mm, 9mm & 15mm.



ILLUMINATING EYEPIECE

12.5mm reticle with illuminator.
SWA-125ILLRET



ZOOM EYEPIECE

8-24x zoom eyepiece. SWA-Z824



70° WIDE ANGLE LONG EYE RELIEF

Available in 5mm, 8mm, 13mm, 17mm, 22mm & 32mm.



SUPER PLOSSL 1.25"

4 elements plossl, 52° field of view, fully multi-coating. Available in 2.5mm, 6.3mm, 7.5mm, 10mm, 12.5mm, 17mm, 20mm, 25mm, 26mm, 32mm & 40mm.



ERECTING EYEPIECE

10mm erecting eyepiece
SW10ERECT



NEWTONIAN COLLIMATION EYEPIECE

Easily adjust the collimation on your Newtonian Reflector.
SWA-NCOLL



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Астана +7(7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
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Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
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Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)22948 -12
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Челябинск (351)202-03-61
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Ярославль (4852)69-52-93
Киргизия (996)312-96-26-47
Казахстан (772)734-952-31
Таджикистан (992)427-82-92-69

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Sky-Watcher®

