



*N°65*

*ASTRONOMY, SCIENCE & OUTDOOR*

PRODUCT GUIDE

# KONUS TELESCOPES

THE CHOICE OF EVERY  
AVID ASTRONOMER

From planets to galaxies and from stars to nebulae, a telescope will give you the chance to explore the universe and its countless wonders.

In terms of quality and affordability, Konus instruments are in a class by themselves and will assist you perfectly in your journey







# KONUSNOVA



UNIVERSAL SMARTPHONE ADAPTER INCLUDED: USE YOUR SMARTPHONE FOR LOCATING CELESTIAL OBJECTS IN THE SKY AND FOR TAKING PICTURES/VIDEOS (SMARTPHONE NOT INCLUDED)

**#1755 KONUSNOVA-70**  
**Ø 70MM (2.75") F. 800**



UNIVERSAL SMARTPHONE ADAPTER INCLUDED: USE YOUR SMARTPHONE FOR TAKING PICTURES AND RECORDING VIDEOS (SMARTPHONE NOT INCLUDED)



**#1756 KONUSNOVA-114**  
**Ø114MM (4.5") F.500**



CODE	1755	1756
MODEL	KONUSNOVA-70	KONUSNOVA-114
TYPE	REFRACTOR Ø 70 MM	NEWTON Ø114 MM
FOCAL LENGTH	800 MM F/11.4	500 MM F/4.3
TECHNICAL SPECIFICATIONS	<ul style="list-style-type: none"> <li>- Altazimuth mount</li> <li>- Metal tube with collimated lenses</li> <li>- Sturdy adjustable metal tripod (from 78cm to 121cm - from 2.5 ft to 3.9 ft) with accessory tray</li> <li>- "Stardot" electronic red dot finderscope</li> <li>- Universal adapter for Smartphones</li> <li>- Two 31.8mm eyepieces: H8 &amp; H20</li> <li>- Moon filter</li> <li>- 2x Barlow lens</li> <li>- 45° diagonal mirror</li> <li>- 1.5x erecting eyepiece</li> </ul>	<ul style="list-style-type: none"> <li>- Altazimuth mount</li> <li>- Metal tube with collimated lenses</li> <li>- Sturdy adjustable metal tripod (from 78cm to 121cm from 2.5 ft to 3.9 ft) with accessory tray</li> <li>- "Stardot" electronic red dot finderscope</li> <li>- Universal adapter for Smartphones</li> <li>- Two 31.8mm eyepieces: H8 &amp; H20</li> <li>- Moon filter</li> <li>- 2x Barlow lens for doubling the magnification power</li> </ul>
MAGNIFICATIONS	40X, 80X, 100X, 200X	25X, 50X, 62.5X, 125X

## OPTIONAL ACCESSORIES

#1034 MOON FILTER

#1047 IMAGE RECTIFIER FOR REFRACTORS #1755

#1048 IMAGE RECTIFIER FOR REFLECTORS #1756

#1070 DOUBLE PHOTO ADAPTER

#1303 ADAPTER FOR SMARTPHONE

#1244 EYEPIECE PLOSSL 10 Ø31.8MM (1.25)

#1277 EYEPIECE KELLNER 12.5 Ø31.8MM (1.25)

#1278 EYEPIECE KELLNER 20 Ø31.8MM (1.25)

T2 RINGS SEE PAGE 07

## WITH UNIQUE AND EXCLUSIVE DESIGN

Although competitively priced, these models will provide excellent results for both the astronomical and terrestrial observations and will make for an immersive and rewarding experience by virtue of their special Smartphone adapter.

\* SMARTPHONE NOT INCLUDED



# KONUSMOTOR-130



#1786 KONUSMOTOR-130  
Ø130MM (5.2") F.1000



CODE	1786
MODEL	KONUSMOTOR 130
TYPE	NEWTON Ø 130 MM (5.2")
FOCAL LENGTH	1000MM F/8
TECHNICAL SPECIFICATIONS	<ul style="list-style-type: none"> <li>- Multi coated mirror</li> <li>- Equatorial mount with R.A. tracking motor</li> <li>- Two section metal tripod from 67 to 107 cm. (2.3ft to 3.8 ft)</li> <li>- Red dot finder</li> <li>- Moon filter, 2 diam 31.8 mm (1.25") eyepieces Plossl 10 mm and Plossl 17mm</li> <li>- Moon and sky map</li> <li>- Two soft cases for carryng the telescope</li> </ul>
MAGNIFICATIONS	100X 59X

## OPTIONAL ACCESSORIES

#1034 MOON FILTER

#1048 IMAGE RECTIFIER

#1070 DOUBLE PHOTO  
ADAPTER

#1244 EYEPIECE PLOSSL 10  
Ø31.8MM (1.25)

#1277 EYEPIECE KELLNER 12.5  
Ø31.8MM (1.25)

#1278 EYEPIECE KELLNER 20  
Ø31.8MM (1.25)

#1303 ADAP.FOR  
SMARTPHONES

T2 RINGS SEE PAGE 07

## ADVANCED OPTICAL AND MECHANICAL QUALITY

The # 1786 vastly outperforms any D.114mm model both optically and mechanically, by virtue of its larger objective, more generous focal length and sturdier mount.

# KONUSTART-900B

**#1738 KONUSTART 900B**  
**Ø60MM (2.3") F.900**



UNIVERSAL SMARTPHONE  
ADAPTER INCLUDED: USE YOUR  
SMARTPHONE FOR TAKING PICTURES  
AND RECORDING VIDEOS



UNIVERSAL SMARTPHONE  
ADAPTER INCLUDED: USE YOUR  
SMARTPHONE FOR LOCATING  
CELESTIAL OBJECTS IN THE SKY AND  
FOR COUNTLESS OTHER FUNCTIONS



CODE	1738
MODEL	KONUSTART-900 B
TYPE	REFRACTOR Ø 60 MM (2.3")
FOCAL LENGTH	900 MM F/15
TECHNICAL SPECIFICATIONS	<ul style="list-style-type: none"> <li>- Metal tube with collimated lenses</li> <li>- Equatorial mount with R.A. tracking motor</li> <li>- Two section metal tripod from 67 to 107 cm. (2.3ft to 3.8ft)</li> <li>- Red dot finder</li> <li>- Moon filter</li> <li>- 2x barlow lens</li> <li>- 1.5x image rectifier</li> <li>- Eyepieces H8 and H20</li> <li>- Smartphone adapter</li> </ul>
MAGNIFICATIONS	45X, 90X, 113X, 226X

## OPTIONAL ACCESSORIES

#1034 MOON FILTER

#1047 IMAGE RECTIFIER

#1070 DOUBLE PHOTO  
ADAPTER

#1090 ELECTRIC FOCUSER

#1303 ADAPTER FOR  
SMARTPHONES

#1244 EYEPIECE PLOSSL 10  
Ø31.8MM (1.25)

#1277 EYEPIECE KELLNER 12.5  
Ø31.8MM (1.25)

#1278 EYEPIECE KELLNER 20  
Ø31.8MM (1.25)

T2 RINGS SEE PAGE 07

## WITH UNIVERSAL ADAPTER FOR SMARTPHONES

Suitable for both astronomical and terrestrial view, the # 1738 telescope is now offered in a new configuration that features a special universal adapter that will turn your Smartphone into an astronomical camera (for taking pictures and recording videos) and a star map (for locating celestial objects in the sky). This model also comes with a deluxe carrying case for enhanced portability and with a R.A. motor drive.

\* SMARTPHONE NOT INCLUDED



# KONUSTART-700 B

\* SMARTPHONE NOT INCLUDED



**#1737 KONUSTART-700B  
Ø60MM (2.3") F.700**

UNIVERSAL SMARTPHONE  
ADAPTER INCLUDED: USE YOUR  
SMARTPHONE FOR TAKING PICTURES  
AND RECORDING VIDEOS



UNIVERSAL SMARTPHONE  
ADAPTER INCLUDED: USE YOUR  
SMARTPHONE FOR LOCATING  
CELESTIAL OBJECTS IN THE SKY AND  
FOR COUNTLESS OTHER FUNCTIONS



CODE	1737
MODEL	KONUSTART-700 B
TYPE	REFRACTOR Ø 60MM (2.3")
FOCAL LENGTH	700MM F/11.6
TECHNICAL SPECIFICATIONS	<ul style="list-style-type: none"> <li>- Metal tube with collimated lenses</li> <li>- Altazimuth mount</li> <li>- Two sections metal tripod from 67 to 116 cm. (from 2.2ft to 3.8ft)</li> <li>- Red dot finder</li> <li>- 2x barlow lens</li> <li>- 1.5x image rectifier</li> <li>- Moon filter</li> <li>- 2 diam. 31.8mm (1.25") eyepieces H8 and H20</li> <li>- Smartphone adapter</li> </ul>
MAGNIFICATIONS	35X, 70X, 88X, 176X

## T2 RINGS FOR REFLEX CAMERAS

#1588 YASHICA • CONTAX  
(NO AUTOFOCUS)

#1584 MINOLTA (NO  
AUTOFOCUS)

#1585 NIKON

#1597 CANON EOS

#1598 OLYMPUS 4/3 -  
LEICA - PANASONIC

## WITH UNIVERSAL ADAPTER FOR SMARTPHONES

Tailor-made for students and beginners, the # 1737 telescope is now more appealing than ever in its new configuration that features a special universal adapter that will turn your Smartphone into an astronomical camera (for taking pictures and recording videos) and a star map (for locating celestial objects in the sky). This model also comes with a deluxe carrying case for enhanced portability.

# KONUSPACE



**#1743 KONUSPACE-6**  
**Ø60MM (2.3") F.800**



CODE	1743
MODEL	KONUSPACE-6
TYPE	REFRACTOR Ø 60MM (2.3")
FOCAL LENGTH	800MM F/13
TECHNICAL SPECIFICATIONS	<ul style="list-style-type: none"> <li>- Metal tube with collimated lenses</li> <li>- Altazimuth yoke mount, with micrometric adjustments</li> <li>- Two section metal tripod from 67 to 116 cm. (from 2.2ft to 3.8ft)</li> <li>- 5x24 finderscope</li> <li>- 90° diagonal mirror</li> <li>- Moon filter</li> <li>- 2 diam. 24,5mm (0.9")</li> <li>- Eyepieces H8 and H20</li> </ul>
MAGNIFICATIONS	48X, 100X

## OPTIONAL ACCESSORIES KONUSPACE

#1042 IMAGE RECTIFIER  
1.5X FOR TERRESTRIAL USE

#1045 IMAGE RECTIFIER 2.8X  
FOR ASTRONOMICAL USE

#1069 1.5X PHOTO  
ADAPTER Ø24.5MM

#1090 ELECTRIC FOCUSER

#1303 ADAPTER FOR  
SMARTPHONES

#1542 F6MM EYEPIECE  
Ø24.5MM

#1553 HM25MM EYEPIECE  
Ø24.5MM

T2 RINGS SEE PAGE 07

## POWER AND VERSATILITY

The # 1743 is a more advanced refractor telescope that will provide images with a greater degree of detail and contrast. It is especially suited for observing objects like stars and planets, but it will be equally good for terrestrial use as well.





**#1722 KONUSFIRST-360**  
**Ø50MM (2") F.360**



**#1723 KONUSFIRST-600**  
**Ø50MM (2") F.600**

CODE	1722	1723
MODEL	KONUSFIRST 360	KONUSFIRST 600
TYPE	REFRACTOR Ø 50MM (2")	REFRACTOR Ø 50MM (2")
FOCAL LENGTH	360MM F/7.2	600MM F/12
TECHNICAL SPECIFICATIONS	<ul style="list-style-type: none"> <li>- Table tripod two diam. 24.5mm (0.9")</li> <li>- Eyepieces SR6 mm and H20 mm</li> <li>- 1.5X erecting eyepiece</li> <li>- Moon filter</li> </ul>	<ul style="list-style-type: none"> <li>- Metal tripod with handle</li> <li>- Two diam. 24.5mm (0.9")</li> <li>- Eyepieces SR6mm and H12 mm</li> <li>- 1.5x erecting eyepiece</li> <li>- Moon filter</li> </ul>
MAGNIFICATIONS	18X, 27X, 60X, 90X	50X, 75X, 100X, 150X

## OPTIONAL ACCESSORIES KONUSFIRST

#1042 IMAGE RECTIFIER  
1.5X FOR TERRESTRIAL USE

#1045 IMAGE RECTIFIER  
2.8X ASTRONOMICAL USE

#1069 1.5X PHOTO  
ADAPTER Ø24.5MM

#1303 ADAPTER FOR  
SMARTPHONES

#1542 F 6 MM EYEPIECE  
Ø24.5MM

#1553 HM25MM EYEPIECE  
Ø24.5MM

T2 RINGS SEE PAGE 07

## INVALUABLE INSTRUMENTS FOR BEGINNERS

The # 1722 and # 1723 are excellent introductory telescopes that will prove to be an invaluable tool to begin observing the sky and discovering its marvels. And they are great terrestrial telescopes too, by virtue of the 1.5x erecting eyepiece they come complete with.

# KONUS MICROSCOPES

A COMPREHENSIVE  
SERIES FOR  
SEEING THE  
INVISIBLE

For many years, our microscopes have assisted universities, labs, scientists and researchers while observing and analyzing specimens.

In both the biological and the stereoscopic categories, we can therefore satisfy the needs of the most demanding professionals with a wide assortment of models and accessories.





This highly professional instrument is the ideal choice for the most complex laboratory activities. Its infinity-focused objectives will produce perfectly collimated wavetrains of light, thus allowing the use of beamsplitters, polarizers, Wollaston prisms and so on. Furthermore, this model will also have none of the distortion and aberration problems of traditional microscopes.

## INFINITY-2



### #5606 INFINITY-2

- › 1000X BIOLOGICAL BINOCULAR
- › INFINITY OBJECTIVES 40X - 100X - 400X - 1000X
- › THE FILTER-HOLDER IS PLACED BELOW THE CONDENSER AND HAS A LIGHT BLUE FILTER IN OPTICAL CRISTAL.
- › SUPPLIED WITH ANTI-DUST COVER
- › THE REGULATION OF CONDENSER HEIGHT IS DONE WITH A LATERAL HANDLE.
- › NO DISTORTION AND ABERRATION PROBLEMS OF TRADITIONAL MICROSCOPES
- › NO REFLEXES

CODE	MODEL	TYPE	TECHNICAL SPECIFICATIONS	MAGNIFICATIONS
5606	INFINITY-2	BIOLOGICAL BINOCULAR	<ul style="list-style-type: none"> <li>- 360° rotatable binocular head with dioptrical compensation, 30° inclined.</li> <li>- Ergonomical metal stand.</li> <li>- Coaxial, bilateral focusing with stop, 0.002mm graduable.</li> <li>- Planachromatic optical system with color correction.</li> <li>- Eyepieces: two eyepieces PL10-18mm "HIGH EYE-POINT" type.</li> <li>- Objectives: N°4 planachromatic objectives "ITO" 4x, 10x, 40x and 100x infinity correct, without chromatic aberrations and focus distortions.</li> <li>- Graduated movable stage with double nonius 132mmx140mm with coaxial control with movement 76x50mm.</li> <li>- NA 1.22/0.24 swing out achromatic Condenser with Iris diafragma.</li> <li>- Halogen illumination 6V/20W regulable with potentiometer.</li> <li>- Universal voltage USA-EU 90V/240V. In compliance w. CE, UL, CSA, &amp; GS regulation</li> </ul>	40X, 100X 400X, 1000X

OPTIONAL ACCESSORIES FOR INFINITY MICROSCOPES			
#1303	ADAPTER FOR SMARTPHONES	#5631	HALOGEN BULB 6V/20W
#5350	10X WITH RETICLE EYEPIECE	#5639	DARK FIELD
#5620	PLANACHROMATIC EYEPIECE 15X WF	#5651	COL FILTERS BLUE/GREEN YELLOW/NO COLOR
#5621	PLANACHROMATIC EYEPIECE 20X WF	#5658	WOODEN BOX
#5622	PLAN-ACHROMATIC EYEPIECE P16X	#5659	EYEPIECE 10X WITH RETICLE
#5628	20X OBJECTIVE FOR BIOREX & INFINITY	#5831	MICROVUE 2.0 COMPUTER VIDEO SET

## ACADEMY-2 • CAMPUS-2



### #5305 ACADEMY-2

#### #5324 ACADEMY-2 120V U.S.A.

- › 1000X BIOLOGICAL MONOCULAR
- › GENEROUS HOLDER FOR SLIDES WITH GRADUATED MOVABLE STAGE AND COAXIAL HANDLES.
- › CLEAR FIELD ABBE CONDENSER WITH DOUBLE LENS, IRIS DIAPHRAGM AND FILTER-HOLDER.
- › ILLUMINATION WITH LED LAMP 0.5W AND EXTERNAL TRANSFORMER AND LIGHT INTENSITY REGULATION
- › SUPPLIED WITH ANTI-DUST COVER
- › 4 FILTERS: ORANGE, WHITE, LIGHT BLUE AND GREEN
- › MACRO-AND MICROMETRIC FOCUSING
- › IN COMPLIANCE WITH CE, UL, CSA AND GS REGULATIONS
- › 0.5W LED LIGHT
- › TRIPLE ILLUMINATION SYSTEM: WORKS WITH A/C ADAPTER, RECHARGEABLE BATTERIES OR STANDARD AAA BATTERIES
- › INCLUDES THE A/C ADAPTER, RECHARGEABLE BATTERIES AND BATTERY CHARGER.



### #5307 CAMPUS-2

#### #5330 CAMPUS-2 120V U.S.A.

- › 1000X BIOLOGICAL BINOCULAR
- › GENEROUS HOLDER FOR SLIDES WITH GRADUATED MOVABLE STAGE AND COAXIAL HANDLES.
- › CLEAR FIELD ABBE CONDENSER WITH DOUBLE LENS, IRIS DIAPHRAGM AND FILTER-HOLDER.
- › ILLUMINATION WITH LED LAMP 0.5W AND EXTERNAL TRANSFORMER AND LIGHT INTENSITY REGULATION
- › SUPPLIED WITH ANTI-DUST COVER
- › 4 FILTERS: ORANGE, WHITE, LIGHT BLUE AND GREEN
- › MACRO-AND MICROMETRIC FOCUSING
- › IN COMPLIANCE WITH CE, UL, CSA AND GS REGULATIONS
- › 0.5W LED LIGHT
- › TRIPLE ILLUMINATION SYSTEM: WORKS WITH A/C ADAPTER, RECHARGEABLE BATTERIES OR STANDARD AAA BATTERIES
- › INCLUDES THE A/C ADAPTER, RECHARGEABLE BATTERIES AND BATTERY CHARGER.

CODE	MODEL	TYPE	TECHNICAL SPECIFICATIONS	MAGNIFICATIONS
5305	ACADEMY 2	BIOLOGICAL MONOCULAR	<ul style="list-style-type: none"> <li>- Monocular or binocular head according to your needs.</li> <li>- Full metal stand, classical and ergonomic shape</li> <li>- 4-Objectives holder, rotatable in both directions</li> <li>- Optical equipment: Wide field eyepieces 10x and four DIN achromatic objectives 4x, 10x, 40x 100x.</li> <li>- Magnifications provided: 40x - 100x - 400x - 1000x.</li> </ul>	40X, 100X 400X, 1000X
5307	CAMPUS 2	BIOLOGICAL BINOCULAR		

OPTIONAL ACCESSORIES CAMPUS - ACADEMY			
#1303	ADAPTER FOR SMARTPHONES	#5255	ACHROMATIC OBJECTIVE 40X
#5115	15X EYEPIECE	#5258	ACHROMATIC OBJECTIVE 100X
#5129	POLARIZATION SET	#5350	EYEPIECE 10X WITH MICROMETRIC SCALE
#5250	ACHROMATIC OBJECTIVE 4X	#5659	10X EYEPIECE
#5252	ACHROMATIC OBJECTIVE 10X	#5831	MICROVUE 2.0 COMPUTER VIDEO SET



## THE PERFET MICROSCOPE FOR STUDENTS

The #5302 is an ideal introductory microscope for every student and science enthusiast, featuring the same optical quality of way more professional models.

COLLEGE

### #5302 COLLEGE

- › MACRO AND MICROMETRICAL FOCUSING KNOBS
- › STAGE SET FOR PREPARED SLIDES
- › LIGHT CONDENSER WITH IRIS DIAPHRAGM AND FILTER HOLDER
- › IN COMPLIANCE WITH CE, UL, CSA AND GS REGULATIONS
- › SUPPLIED WITH ANTI-DUST COVER
- › INSTRUCTIONS AND PACKING IN 8 LANGUAGES



### #5334

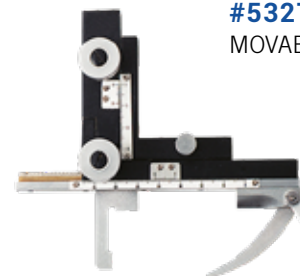
### #5336

ILLUMINATOR 220V (#5334) AND 120V (#5336 FOR U.S.A) WITH TRANSFORMER 12V/10W



### #5327

MOVABLE STAGE GRADUATED



### #5072

SET100 PCS SLIDE COVER COVER



CODE	MODEL	TYPE	TECHNICAL SPECIFICATIONS	MAGNIFICATIONS
5302	COLLEGE	BIOLOGICAL MONOCULAR	<ul style="list-style-type: none"> <li>› Monocular head and heavy duty metal stand</li> <li>› Rotatable objective holder with three objectives</li> <li>› Optical equipment: wide field eyepiece 15x and three achromatic objectives DIN 4X - 10X - 40XS with magnification power of 60x, 150x and 600x</li> </ul>	60X,150X, 600X

OPTIONAL ACCESSORIES COLLEGE			
#1303	ADAPTER FOR SMARTPHONES	#5350	10X EYEPIECE WITH RETICLE AND MICROMETRIC SCALE
#5327	MOVABLE STAGE		
#5334 #5336	LED ILLUMINATOR	#5659	10 EYEPIECE
#5349	10X EYEPIECE	#5831	MICROVUE 2.0 SET COMPUTER VIDEO

# CRYSTAL-45



ACCESSORIES	WORKING DISTANCE	MAGNIFICATION
WITHOUT ACCESSORIES	100MM	7X-45X
#5472 EYEPIECE 20X	26MM	14X-90X
#5402 OBJECTIVE 0,5X	165MM	3,5X-22,5X
#5472 + #5402	165MM	7X-45X
#5403 OBJECTIVE 2X	26MM	14X-90X
#5403 + #5472	26MM	28X-180X

**#5425 CRYSTAL-45**

**#5426 CRYSTAL-45 120V U.S.A.**

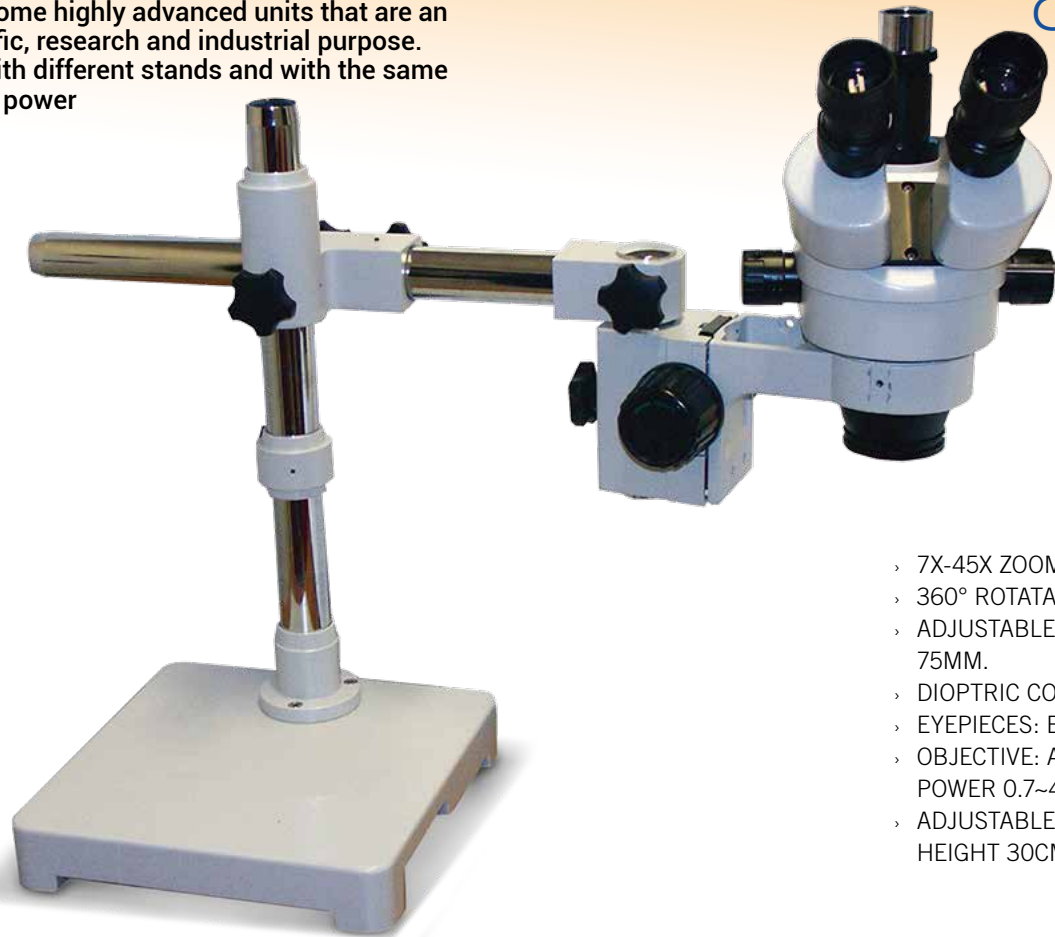
The Crystal series includes some highly advanced units that are an ideal choice for every scientific, research and industrial purpose. Two versions are available with different stands and with the same 7x - 45x zoom magnification power

- › 7X-45X ZOOM STEREOSCOPICAL
- › WITH INCIDENTAL AND TRASMITTED LIGHT
- › 360° ROTATABLE TRINOCULAR HEAD, 45° INCLINED
- › ADJUSTABLE INTER-PUPILLARY DISTANCE FROM 51 TO 75MM.
- › DIOPTRIC COMPENSATION ON BOTH EYEPIECES
- › EYEPIECES: EWF 10X/20MM
- › OBJECTIVE: ACHROMATIC, PARAFOCAL WITH ZOOM POWER 0.7~4.5X
- › ILLUMINATION: TWO ILLUMINATORS FOR TRANSMITTED AND INCIDENTAL LIGHT, BOTH WITH HALOGEN LAMP
- › 12V/15W AND WITH VARIABLE INTENSITY.

CODE	MODEL	TYPE	TECHNICAL SPECIFICATIONS	MAGNIFICATIONS
5425	CRYSTAL 45	STEREOSCOPICAL TRINOCULAR	<ul style="list-style-type: none"> <li>- Pillar type stand with 30mm diameter and 25cm height.</li> <li>- Base dimensions: 26x20x6cm.</li> <li>- Working distance from 100mm to 26mm.</li> </ul>	ZOOM 7X-45X

OPTIONAL ACCESSORIES CRYSTAL-45			
#1303	ADAPTER FOR SMARTPHONES	#5472	PAIR OF EYEPIECES 20X
#5402	AUSILIARY OBJECTIVE 0.5X	#5473	OBJECTIVE PROTECTIVE LENS
#5403	AUSILIARY OBJECTIVE 2X	#5475	ILLUMINATED BASE FOR CRYSTAL
#5471	PAIR OF EYEPIECES 15X	#5831	MICROVUE 2.0 COMPUTER VIDEO SET

The Crystal series includes some highly advanced units that are an ideal choice for every scientific, research and industrial purpose. Two versions are available with different stands and with the same 7x - 45x zoom magnification power



#5424 CRYSTAL-PRO

- › 7X-45X ZOOM STEREOSCOPICAL
- › 360° ROTATABLE TRINOCULAR HEAD, 45° INCLINED
- › ADJUSTABLE INTER-PUPILLARY DISTANCE FROM 51 TO 75MM.
- › DIOPTRIC COMPENSATION ON BOTH EYEPIECES
- › EYEPIECES: EWF 10X/20MM
- › OBJECTIVE: ACHROMATIC, PARAFOCAL WITH ZOOM POWER 0.7~4.5X
- › ADJUSTABLE STAND: MAX LENGTH 55MM (21.81"), MAX HEIGHT 30CM (11.81")

CODE	MODEL	TYPE	TECHNICAL SPECIFICATIONS	MAGNIFICATIONS
5424	CRYSTAL PRO	STEREOSCOPICAL TRINOCULAR	<ul style="list-style-type: none"> <li>- The stand can be completely rotated and adjusted in order to fit every possible need.</li> <li>- The horizontal bracket is 45cm, while the vertical one is 42cm.</li> <li>- The base's measurements are 23x23cm.</li> <li>- The microscope can be illuminated with optional accessories, while its working distance can be adjusted from 26mm to 100mm.</li> </ul>	ZOOM 7X-45X

OPTIONAL ACCESSORIES MICROSCOPES CRYSTA-45			
#1303	ADAPTER FOR SMARTPHONES	#5473	OBJECTIVE PROTECTIVE LENS
#5402	AUSILIARY OBJECTIVE 0,5X	#5475	ILLUMINATED BASE FOR CRYSTAL
#5403	AUSILIARY OBJECTIVE 2X	#5481	DIRECT RING LIGHT ILLUMINATOR
#5471	PAIR OF EYEPIECES 15X	#5482	INCIDENTAL LIGHT ILLUMINATOR
#5472	PAIR OF EYEPIECES 20X	#5831	MICROVUE 2.0 COMPUTER VIDEO SET



# DIAMOND • MICROVUE 2.0



**#5420 DIAMOND**  
**#5450 DIAMOND 120V U.S.A.**

- › STEREOSCOPICAL 20X-40X ZOOM
- › WORKING DISTANCE 40MM.
- › 45° INCLINED BINOCULAR HEAD
- › INTER-PUPILLARY DISTANCE ADJUSTABLE
- › ANTI-DUST COVER



**#5831**  
**MICROVUE 2.0**

- › COMPUTER VIDEO SET FOR BIOLOGICAL AND STEREOSCOPICAL MICROSCOPES
- › STEREO MICROSCOPE ADAPTERS
- › CD-ROM WITH SOFTWARE
- › DIGITAL USB CAMERA CMOS
- › MAXIMUM RESOLUTION 1920X1080
- › FIELD OF VIEW 18MM
- › AUTOMATIC SHUTTER AND EXPOSITION CONTROL
- › USB INTERFACE
- › SYSTEM REQUIREMENTS: WINDOWS XP, VISTA 7/8/8.1/10/11 VERSIONS 32 BIT AND 64 BIT - MACINTOSH FROM 10.10 VERSION

\*PC AND MICROSCOPE NON INCLUSI

CODE	MODEL	TYPE	TECHNICAL SPECIFICATIONS	MAGNIFICATIONS
5420	DIAMOND	STEREOSCOPICAL BINOCULAR	<ul style="list-style-type: none"> <li>- 45° inclined binocular head, with adjustable inter-pupillary distance (from 51 to 75mm) and dioptric compensation on the left eyepiece holder.</li> <li>- 2 wide field eyepieces WF10x/20mm and 2 objectives 2x and 4x in the equipment, thus providing 20x and 40x magnifications.</li> <li>- Double illuminator for incidental or transmitted light with two halogen bulbs 12V/10W. white/black contrast disc and a transparent disc.</li> <li>- Rack and pinion focus system which is operated with the lateral knobs.</li> </ul>	20X-40X

OPTIONAL ACCESSORIES DIAMOND			
#1303	ADAPTER FOR SMARTPHONES	#5433	PAIR OF EYEPIECES 20X
#5138	DARK FIELD FOR GEMMOLOGY	#5463	PAIR OF EYEPIECES 15X
#5240	PAIR OF RUBBER EYECUPS	#5470	PAIR OF EYEPIECES 5X



## FEATURES

- › BINOCULAR MICROSCOPE WITH HEADBAND
- › PRISMATIC OPTICS
- › ADJUSTABLE POSITION
- › ILLUMINATION
- › HIGHEST COMFORT FOR THE VIEWER BECAUSE OF THE SPECIAL HEADBAND SET
- › NEVER-BEFORE-SEEN PRICE, COUPLED WITH THE FASTEST LEAD TIME IN THE INDUSTRY
- › IMPECCABLE QUALITY AND MAXIMUM PERFORMANCE
- › MAGNIFICATION: 3.5X
- › WORKING DISTANCE: 400MM
- › FIELD OF VIEW: 86MM

## SURGICAL MICROSCOPE

An highly advanced microscope with binocular shape that is useful whenever the maximum precision is needed and there is no room for error, something that makes it an ideal tool for surgeons, dentists and other demanding professionals. Its optics are built with the Prismatic system that provides an advantage in terms of higher magnification power and better in-depth stereoscopic view.

# DIGISCIENCE



#5024 DIGISCIENCE

## 10X-300X DIGITAL MICROSCOPE

This 10x-300x zoom model is a true evolution in the microscope category, since it works as both a biological and stereoscopic microscope to observe at the same time prepared slides and small objects. Totally digital, it comes with a 5 inch LCD display and with a software for PC and Mac. It can also be connected to your TV or computer. It is supplied with rechargeable battery and SD card for taking pictures and recording videos.



## FEATURES

- › 10X-300X ZOOM DISPLAY
- › 5" LCD DISPLAY
- › SELECTABLE PHOTO RESOLUTION: FROM 12MB TO 2MB
- › VIDEO RESOLUTION: 1080 X 720
- › FOCUSING RANGE: FROM 5MM TO 70MM
- › CAN BE CONNECTED TO EXTERNAL PC OR TV MONITOR
- › POWERED BY BUILT-IN RECHARGEABLE BATTERY
- › LED ILLUMINATION WITH ADJUSTABLE BRIGHTNESS
- › POLARIZER FOR IMPROVED VIDEO QUALITY
- › DUAL USE: BIOLOGICAL (FOR EXAMINING PREPARED SLIDES) AND STEREOSCOPICAL MICROSCOPE (FOR OBSERVING SMALL OBJECTS)
- › 5 INCH LCD DISPLAY WITH IPS TECHNOLOGY
- › COMES WITH SOFTWARE FOR PC AND MAC
- › SD-CARD INCLUDED FOR TAKING PICTURES AND RECORDING VIDEOS
- › RECHARGEABLE WITH BUILT-IN RECHARGEABLE BATTERY
- › CAN BE CONNECTED TO PC OR TV



Tailor-made for educational entertainment, the Konus didactical microscopes are the perfect gift for the scientists of tomorrow and are especially notable for the exclusive adapter that will enable you to connect them to any given Smartphone for taking pictures and videos of what you observe

## KONUSCIENCE-2 • KONUSTUDY-4



PLASTIC  
CARRYING CASE

\* ADAPTER FOR  
SMARTPHONES  
INCLUDED

#5025 KONUSCIENCE-2



\* ADAPTER FOR  
SMARTPHONES  
INCLUDED

#5014 KONUSTUDY-4

\* SMARTPHONE NOT INCLUDED

### FEATURES #5025

- › SUPER SHARP OPTICS
- › SMARTPHONE ADAPTER INCLUDED
- › 300X-600X-1200X MAGNIFICATION POWER
- › 5 PROFESSIONAL PREPARED SLIDES
- › 7 BLANK SLIDES
- › SPECIMEN HOLDERS
- › MULTIPLE COLLECTING VIALS AND ACCESSORIES FOR EXPERIMENTS
- › WORKS WITH ONE CR2032 BATTERY

### FEATURES #5014

- › 100X-450X-900X MAGNIFICATION POWER
- › SMARTPHONE ADAPTER INCLUDED
- › 2 PREPARED PROFESSIONAL SLIDES
- › 10 BLANK SLIDES
- › 12 BLANK LABELS
- › 12 COVER-SLIDES
- › 2 VIALS
- › 1 TWEEZERS

# MICRO CLIP • KONUSTUDY-5



#3712 MICRO-CLIP

## FEATURES #3712

- › 3 IN1 FUNCTIONS: • MICROSCOPE • SLIDE PROJECTOR • MACRO PHOTOGRAPHY
- › ACCESSORIES: • 2 PROFESSIONAL PREPARED SLIDES • 10 BLANK SLIDES • 1 PIPETTE • 1 PAIR OF TWEEZERS • 1 PLASTIC CUP • 2 SAMPLE COLLECTING VIALS • 1 CARRYING POUCH
- › SMARTPHONE REQUIRED (NOT INCLUDED)
- › ILLUMINATOR - BATTERY POWERED LED LIGHT SOURCE
- › SLIDE MOUNT: - FITS STANDARD 75X25MM SLIDE
- › INTERCHANGEABLE LENSES: - HIGH QUALITY 60X, 150X, 300X EYEPIECES
- › DEVICE MOUNT: - UNIVERSAL PHONE/TABLET CLIP
- › BATTERIES REQUIRED: 3 AG3/LR41 (INCLUDED)

## DISCOVER THE WORLD

The # 3712 MICRO-CLIP set will turn any given Smartphone or Tablet into a stunning biological microscope. It comes with 3 powerful eyepieces (60x, 150x, 300x) and with many other accessories like an illuminator and a special mount to accommodate prepared slides of standard size.

The # 5013 KONUSTUDY-5 is a supremely affordable biological microscope that features plenty of magnifications (100x-1200x) to go along with a special adapter that will enable you to connect it to any given Smartphone for taking pictures and videos of what you observe.



#5013 KONUSTUDY-5

- \* SMARTPHONE ADAPTER INCLUDED

## FEATURES #5013

- › ZOOM EYEPIECE
- › SMARTPHONE ADAPTER INCLUDED
- › YOU CAN USE YOUR SMARTPHONE FOR
- › TAKING AND SHARING
- › PICTURES AND VIDEOS OF YOUR OBSERVATIONS
- › MAGNIFICATION POWER 100X-400X-1200X
- › 1 PREPARED SLIDE - 4 BLANK SLIDES -6 BLANK LABELS- 2 COLLECTING VIALS
- › 1 PAIR OF TWEEZERS
- › WORKS WITH TWO AA BATTERIES 1.5V (NOT INCLUDED)

\* SMARTPHONE NOT INCLUDED



#3710 KONUSCLIP



#3711 KONUSCLIP-2

\* SMARTPHONE NOT INCLUDED

## FEATURES #3710

- › POCKET MICROSCOPE
- › 60X - 100X ZOOM MAGNIFICATION POWER
- › LED ILLUMINATION
- › UV LIGHT
- › WITH CASE
- › CAN BE CONNECTED TO ANY SMARTPHONE
- › DIMENSIONS 4.8X8CM (1.8"X3.1")
- › WORKS WITH 3 AAA BATTERIES (INCLUDED)

## POCKET-SIZED MICROSCOPES WITH A LOT OF POWER

The # 3710 and # 3711 pocket microscopes are extremely compact and yet very powerful. And they are especially versatile too, since they can be either hand-held or connected to a Smartphone. Aside of the LED illumination, they also include a small UV light as an additional feature.

## FEATURES #3711

- › SET 6 PCS.
- › POCKET MICROSCOPE
- › 20X MAGNIFICATION POWER
- › LED ILLUMINATION
- › UV LIGHT
- › WITH CASE
- › CAN BE CONNECTED TO ANY SMARTPHONE
- › DIMENSIONS: 5X3.5CM (1.9"X1.3")
- › WORKS WITH 3 LR1130 BATTERIES (INCLUDED)



# PREPARED SLIDES FOR MICROSCOPES

## BIOLOGY

### #4960 SET FOR TEACHING SCIENCE (10 SLIDES)

1. Leg of house fly, *Musca domestica* - 2. Bird feather whole mount - 3. Wing scales of butterfly  
4. Human blood smear - 5. Intestine of rabbit transversal section - 6. Lung of cat transversal section - 7. Mixed zoological and botanical plankton - 8. Pollen grains of different plants  
9. Foliate leaf with netted venation - 10. Large cells, marrow of edelberry.

### #4963 SET FOR TEACHING BIOLOGY 1 (10 SLIDES)

1. Filamentous green alga of freshwater - 2. Mould from bread with mycelium and spore - 3. Sunflower root, transversal section - 4. Privet transversal section of leaf - 5. Tulip trasnv. section of ovary arrangement ovules - 6. Paramecium ciliates - 7. Earthworm transversal section through midbody - 8. House fly, wing whole mount - 9. Frog, blood smear - 10. Chick, skin of a bird lateral sec. with feathers.

### #4964 SET FOR TEACHING BIOLOGY 2 (10 SLIDES)

1. Bacteria from sour milk smear - 2. Moss, leaves transversal sec. with chloroplasts - 3. Yew, young stems transversal section - 4. Hyacinth, seed transversal section - 5. Euglena green flagellate - 6. Ascaris transversal section through midbody - 7. Honey bee antenna whole mount - 8. Carp transversal section through gills - 9. Liver of rabbit transversal section - 10. Skin of cat lateral section showing cutis.

### #4976 GENERAL BIOLOGY (25 SLIDES)

1. Unicellular animal - 2. Paramecium sp. - 3. Hydra sp. - 4. Daphnia sp. - 5. Lumbricus (earthworm) 6. House fly, mouth parts - 7. Honey Bee, mouth parts - 8. Honey Bee, posterior leg - 9. Simple flat epithelium - 10. Skeletal muscle - 11. Human blood smear - 12. Frog blood smear - 13. Lung, section - 14. Artery and vein - 15. Human skin, section through hair follicle - 16. Three types of bacteria, smear - 17. Spirogyra conjugation - 18. Volvox - 19. Moss - 20. Mitosis onion root tip cells, section - 21. Monocot + Dicot, roots - 22. Monocot and dicot stems - 23. Tilia one year stem - 24. Tilia three year stem - 25. Monocot and dicot leaves

### #4977 ZOOLOGY, INVERTEBRATE AND INSECTS (25 SLIDES)

1. Unicellular animal - 2. Paramecium - 3. Hydra - 4. Hydra spermary - 5. Hydra, ovary - 6. Turbellaria, injected intestinal tube - 7. Ascaris male - 8. Ascaris female - 9. Mitosis Horse ascaris eggs - 10. Mussel Gill - 11. Daphnia - 12. Mosquito female - 13. Mosquito female mouth parts - 14. Mosquito male mouth parts - 15. Butterfly mouth parts - 16. Honey Bee mouth parts - 17. Testis Locusta Migratoria - 18. Insect compound eye - 19. House fly - 20. Drosophyla (fruit fly) - 21. Insect digging leg - 22. Insect walking leg - 23. Insect swimming leg - 24. Insect leaping leg - 25. Insect tale pollen leg.

### #4978 ZOOLOGY, VERTEBRATE INCLUDING MAMMALIA (25 SLIDES)

1. Frog skin - 2. Frog small intestine - 3. Frog blood smear - 4. Frog, testis - 5. Frog, liver - 6. Frog, heart - 7. Rabbit, liver - 8. Rabbit, testis - 9. Rabbit, ovary - 10. Rabbit, spinal cord - 11. Rabbit, motor nerve ending - 12. Compact bone - 13. Wall of stomach (Mammal) - 14. Small intestine, (Mammal) - 15. Large intestine, (Mammal) - 16. Pancreas (Mammal) - 17. Spleen, (Mammal) - 18. Gall bladder (Mammal) - 19. Lung (Mammal) - 20. Artery and vein (Mammal) - 21. Kidney, (Mammal) - 22. Human sperms, smear - 23. Human skin sec. through sweat gland - 24. Eyeball (Mammal) - 25. Human chromosomes in blood, male and female

## BIOLOGY 1

### #4886 THE WONDERFUL STRUCTURE OF VEGETABLE CELLS (10 SLIDES)

1. Cells with crystals from cactus - 2. Elderberry, Sambucus, stem - 3. Mullein, Verbascum branched leaf hairs - 4. Glandular cells in rosemary leaf - 5. Sunflower leaf with hairs - 6. Water lily Nymphaea stem, stellate hairs. - 7. Dead nettle Lamium stem - 8. Potato, Solanum tuber - 9. Pollen grains, mixed species - 10. Isolated vessels from plant stem.

### #4887 CELL DEVELOPMENT AND REPRODUCTION (10 SLIDES)

1. Mitotic stages in red bone marrow - 2. Mitotic stages in tests of mouse - 3. Sea-urchin cleavage stage - 4. Growing egg in ovary of bird - 5. Plant mitosis, lateral section of onion root tip - 6. Plant stages in red bone marrow - 7. Growing tissue in stem apex - 8. Growing leaf tissue in shoot apex - 9. Plant meiosis young Liliun anthers - 10. Mature pollen grains of Liliun.

### #4881 PLANT REPRODUCTION AND PROPAGATION (10 SLIDES)

1. Bacteria rod-shaped bacilli in fission - 2. Seaweed, Focus thallus - 3. Cornsmut Ustilago spore - 4. Pine (Pinus), male cone with pollen - 5. Pine pollen grains with air bags - 6. Chive, flower with anthers, ovaries - 7. Lily anthers development of pollen - 8. Tulip (Tulipa) ovary with ovules - 9. Iris transversal section of seed of embryo - 10. Tomato (Solanum) young fruit

### #4900 THE WONDERFUL WORLD OF A DROP OF WATER (10 SLIDES)

1. Diatoms, many different forms - 2. Euglena, green flagellate - 3. Paramecium, ciliates from hay-infusion - 4. Daphnia, water flea - 5. Cyclops, a copepod whole mount - 6. Desmids, mixed (Desmidiaceae) - 7. Mixed plankton from fresh water - 8. Hydra transversal section of the body - 9. Planaria transversal sect. of body of a flatworm - 10. Bacteria from putrid water.

### #4950 LIFE IN THE GROUND (10 SLIDES)

1. Soil bacteria - 2. Hyphae of root fungi - 3. Fruiting body of mushroom (Psalliota). - 4. Horsetail Equisetum spores with elaters - 5. Moss leaf, surface view - 6. Needle of pine (Pinus) - 7. Venation of a deciduous leaf - 8. Decomposing leaf, formation of humus - 9. Mite from forest soil - 10. Earthworm (Lumbricus) transversal section of midbody

## BIOLOGY 2

### #4986 BIOLOGY - THE CELL AND ANIMAL TISSUES (25 SLIDES)

1. Squamous epithelium amphibian - 2. Stratified squamous epithelium - 3. Cuboidal epithelium - 4. Simple columnar epithelium - 5. Pseudostratified ciliated columnar epithelium - 6. Ciliated epithelium - 7. Transitional epithelium - 8. White fibrous tissue rat tail - 9. Reticular tissue - 10. Adipose tissue - 11. Hyaline cartilage - 12. Elastic cartilage - 13. Fiber cartilage - 14. Bone, human - 15. Bone developing, cartilage, joint of finger of foetus - 16. Blood, fish - 17. Blood, sparrow - 18. Blood, human - 19. Striated muscle, teased prep. showing whole fibres, nuclei, fibrillae and striations - 20. Smooth involuntary muscle teased preparation - 21. Heart muscle, teased prep. showing branching cells. striation and intercal. disks - 22. Muscle and tendon lateral section - 23. Nerve cells, section spinal cord, silver impregnation - 24. Nerve transversal and and lateral section hematoxylin and eosin - 25. Motor nerve endings in intercostal muscles, gold impregnation

### #4910 THE HUMAN BODY NORMAL TISSUES 1 (10 SLIDES)

1. Human blood smear - 2. Human mouth, epithelial cells - 3. Human striate muscle - 4. Human cerebrum - 5. Human tonsil with lymph nodules - 6. Human lung - 7. Human skin - 8. Human stomach - 9. Human red bone marrow - 10. Human testis

### #4911 THE HUMAN BODY NORMAL TISSUES 2 (10 SLIDES)

1. Human skin, section of hairs - 2. Human salivary gland - 3. Human cerebellum - 4. Bacteria from human intestine - 5. Human spermatozoa, smear - 6. Human heart muscle, transversal and lateral sec. - 7. Human bone - 8. Human liver tissue - 9. Human intestinal wall - 10. Human kidney, transv. sec. of a cortical zone

### #4987 THE HUMAN BODY - ORGANS STRUCTURE (25 SLIDES)

1. Skin from axillary showing sweat glands, hair follicles - 2. Scalp showing hair follicles and sebaceous glands - 3. Finger nail, transversal section finger through the nail bed - 4. Parotid gland, a purely serous gland - 5. Sublingual gland, a mixed gland - 6. Esophagus and trachea, lateral section of both organs - 7. Gastric wall - 8. Intestine - 9. Appendix - 10. Liver - 11. Liver, pig fibrotrabeculae between lobules - 12. Gall bladder - 13. Pancreas, secretion acini and island of Langerhans - 14. Lung - 15. Aorta, hematoxylin & eosin and elastic tissue stain - 16. Artery and vein elastic tissue stain - 17. Kidney, section of cortical zone - 18. Ureter - 19. Urinary bladder - 20. Uterine tube (oviduct), sec. through ampulla - 21. Male gonad - 22. Spermatozoa smear - 23. Prostate - 24. Bone marrow with developing blood cells - 25. Thyroid gland

### #4914 THE HUMAN BODY PATHOLOGICAL TISSUES - 1 (10 SLIDES)

1. Tuberculosis of the lung - 2. Cirrhosis of liver - 3. Leukemia of spleen - 4. Sleeping disease, blood smear - 5. Inflammation of the lung - 6. Malaria, melanemia of spleen - 7. Scar tissue of skin - 8.

## THE COMPLETE ASSORTMENT

### • BIOLOGY

#4960 - Series for the teaching of science (10 slides)  
#4963 - Series for the teaching of biology (Part I) (10 slides)  
#4964 - Series for the teaching of biology (Part II) (10 slides)

### • GENERAL BIOLOGY

#4976 - General Biology (25 slides)  
#4977 - Zoology, invertebrate and insects (25 slides)  
#4978 - Zoology, vertebrate including mammalia (25 slides)

### • BIOLOGY 1

#4886 - The wonderful structure of vegetable cells (10 slides)  
#4887 - Cell development and reproduction (10 slides)  
#4881 - Plant reproduction and propagation (10 slides)  
#4900 - The wonderful world in a drop of water (10 slides)  
#4950 - The life of the soil (10 slides)

### • BIOLOGY 2

#4986 - Biology, the cell and animal tissues (25 slides)  
#4910 - The human body: normal tissues (10 slides)  
#4911 - The human body: normal tissues (10 slides)  
#4987 - Human body, the structure of organs (25 slides)  
#4914 - The human body: pathological tissues -1 (10 slides)

#4915 - The human body: pathological tissues 2 (10 slides)

### • ZOOLOGY

#4855 - Fish, Frogs and other Amphibians (10 slides)  
#4856 - Lizards, Snakes and Birds (10 slides)  
#4979 - Zoology, Protozoa (10 slides)  
#4980 - Zoology, Insects (25 slides)  
#4981 - Zoology, Reproduction in invertebrates (15 slides)  
#4862 - Animal reproduction (10 slides)  
#4863 - Animal embryology and development (10 slides)  
#4918 - Human and animal parasites (10 slides)

Eberthella typhi (typhoid fever) - 9. Chronic nephritis - 10. Pus bacteria smear with cocci

#### #4915 THE HUMAN BODY PATHOLOGICAL TISSUES – 2 (10 SLIDES)

1. Miliary tuberculosis of liver - 2. Anthracosis of lung - 3. Malaria parasites in blood - 4. Infarct of lung - 5. Cancer of testis - 6. Amyloid degeneration of liver - 7. Influenzal pneumonia - 8. Struma of thyroid gland - 9. Chronic inflammation of colon - 10. Metastatic carcinoma of liver.

## ZOOLOGY

#### #4855 FISHES FROGS AND OTHER AMPHIBIANS (10 SLIDES)

1. Dogfish (Scyllium) vertebral column - 2. Fresh water fish, region of gills - 3. Fresh water, region of tails - 4. Fish scales, various types whole mount - 5. Tadpole, frog larva, transv. section through body - 6. Frog (Rana) blood smear - 7. Frog (Rana), tongue transversal section - 8. Frog (Rana) intestine - 9. Frog (Rana) lung - 10. Salamander skin, transversal section with poison glands.

#### #4856 LIZARDS SNAKES AND BIRD (10 SLIDES)

1. Lizard (Lacerta) lung - 2. Lizard (Lacerta) kidney - 3. Adder (Elaphe) muscles of snake - 4. Adder (Elaphe) stomach - 5. Goose (Anser), plume feather whole mount - 6. Duck (Anas) gizzard - 7. Turkey (Meleagris) wing feather - 8. Chicken (Gallus) cockscomb - 9. Chicken (Gallus) ovary - 10. Chicken (Gallus), blood smear.

#### #4979 PROTOZOA (10 SLIDES)

1. Paramecium, infusoria ciliated - 2. Vorticella (Carchesium) - 3. Plasmodium vivax - 4. Paramecium stained - 5. Paramecium, various stages of fission - 6. Paramecium, various stages of conjugation - 7. Honey Bee, mouth parts, whole mount - 8. Protozoa mixed species - 9. Unicellular animal (Ameba or other) - 10. Blood smear infected with malaria Plasmodium.

#### #4980 INSECTS (25 SLIDES)

1. Culex common house mosquito female whole mount - 2. Culex common house mosquito male whole mount - 3. House fly, whole mount - 4. Drosophyla, fruit fly, whole mount - 5. Mosquito heads male and female (sucking type mouse apparatus, whole mount) - 6. Mosquito male mouth parts whole mount - 7. Mosquito female mouth parts whole mount - 8. Butterfly, mouth parts w. mount (lapping type) - 9. House fly proboscis w. m. (sponging type) - 10. Honey bee mouth parts whole mount - 11. Insects digging legs whole mount - 12. House fly leg, whole mount - 13. Insects swimming legs whole mount - 14. Insects leaping legs whole mount - 15. Insects tale pollen leg - 16. Cricket wings showing file and scraper w. m. - 17. House fly wing and halteres whole mount - 18. Butterfly wing with scales, whole mount - 19. Antenna types five kinds whole mount - 20. Insect compound eye whole mount - 21. Prawn eye lateral sec. through ommatidia w. m. - 22. Cornea, flat mount to show fawcets w. mount - 23. Honey bee (Apis mellifica), ovary of the queen - 24. Insect trachea whole mount - 25. Malpighian tubes grasshopper whole mount.

#### #4981 REPRODUCTION IN INVERTEBRATES (15 SLIDES):

1. Paramecium, various stages of conjugation - 2. Hydra with bud whole mount - 3. Hydra testis whole mount - 4. Hydra ovary whole mount - 5. Sheep tenia (Moniezia), whole mount - 6. Schistosoma japonicum, male and female in copula - 7. Ascaris transversal section of male in region of sex organs - 8. Ascaris transversal section of female in region of sex organs - 9. Ascaris female: uterus with differently developed embryos, whole mount - 10. Cyclops w. m. with egg sacs - 11. Honey bee (Apis mellifica), ovary of the queen, whole mount - 12. Testis of Locusta migratoria, transversal section - 13. Grasshopper sec of testis showing mitosis - 14. Sea urchin developping eggs with divisions, whole mount - 15. Amphioxus transversal section through male ad female specimens in region of gonads.

#### #4862 ANIMAL EMBRYOLOGY AND DEVELOPMENT (10 SLIDES)

1. Tapeworm of sheep proglottid - 2. Honey bee ovaries of queen - 3. Fish, testes with spermatozoa - 4. Sperm smear of bull - 5. Testis of bull spermatogenesis - 6. Ovary of rabbit ovogenesis - 7. Fallopian tube of guinea-pig - 8. Uterus of pig, resting stage - 9. Uterus of rat with embryo - 10. Placenta of cat or pig

#### #4918 ANIMAL AND HUMAN PARASITES (10 SLIDES)

1. Tapeworm (Taenia) transversal section proglottids - 2. Tapeworm (Taenia) eggs. whole mount - 3. Trichinella transversal section muscle with larvae - 4. Trypanosoma in blood smear - 5. Plasmodium, causes malaria, blood - 6. Liver of rabbit with coccidiosis transversal section - 7. Big liver fluke (Fasciola) transversal section - 8. Schistosoma transv. section of male and female - 9. Hydatide cyst of Echinococcus transversal sec. - 10. Roundworm of man and pig Ascaris transv. s.

## BOTANY

#### #4877 BACTERIA, SIMPLE ORGANISMS (10 SLIDES)

1. Hay bacilli (Bacillus subtilis) - 2. Milk souring bacteria (Streptococcus Lactis) - 3. Putrefaction bacteria (Proteus Vulgaris) - 4. Intestinal bacteria (Escherichia Coli) - 5. Prayphoid bacteria (Salmonella paratyphi) - 6. Bacillary dysentery (Shigella dysenterae) - 7. Pus bacteria (Staphylococcus pyogenes) - 8. Bacteria from human mouth - 9. Bacteria from cheese - 10. Bacteria from leaven (Salmonella paratyphi)

#### #4982 BOTANY: FUNGI, LICHENS AND BRIOPHYTA (15 SLIDES):

1. Rhizopus, bread mold, developing sporangia - 2. Rhizopus nigricans - 3. Spurred rye sporeae - 4. Penicillium - 5. Penicillium, conidia on conidiophora - 6. Aspergillus - 7. Aspergillus, conidia on conidiophores - 8. Saccaromyces, budding - 9. Yeast dividing - 10. Peziza, cup fungus, sec. of apothecium with asci - 11. Ustilago tritici, looses mut of wheat - 12. Ustilago zeae, com smut, section of pustule showing developing chlamydospores - 13. Coprinus, sec. showing basidia and spores - 14. Lichen, sec vegetative portion of thallus - 15. Lichen, sec. of apothecium.

#### #4983 BOTANY: HEPATICAE, MOSSES, PTERIDOPHYTAE & GYMNASPERMAE (25)

1. Marchantia polymorpha, section of thallus - 2. Marchantia, section with archegonia

3. Marchantia, section with antheridia - 4. Spore of Equisetum varve (show elater) - 5. Moss, lateral section of anteridial cluster - 6. Microsporangium of Selaginella lateral section - 7. Moss, protonema whole mount - 8. Epiphyte fern (Platycerium) - 9. Fern, section of leaf - 10. Fern transversal section of rhizome - 11. Fern protallium of young specimen with antheridia - 12. Fern protallium of mature specimen with archegonia - 13. Gemma of Marchantia whole mount - 14. Archyblast of Chara whole mount - 15. Gingko transversal section of leaf and petiole - 16. Pinus transversal section of leaf - 17. Pinus first year stem - 18. Pinus, mature wood sec rad - 19. Pinus, mature wood sec tang - 20. Pinus, sec of young strobilus showing meiosis - 21. Pinus, median lateral section of male strobilus - 22. Pinus, tr. s. of male strobilus with microspore - 23. Pinus, whole mount of pollen grains - 24. Pinus lateral section of young female cone with bracts and ovules - 25. Fir tree, leaf tip.

#### #4984 ANGIOSPERMAE, MONOCOTYLEDONS (LILIOPSIDAE) (25 SLIDES)

1. Allium, onion lateral section - 2. Allium, root tip with mitosis - 3. Garlic flower with anthers and ovaries - 4. Lily, leaf - 5. Lily, pollen - 6. Lily, anther - 7. Lily, ovary - 8. Lilium, transversal section monoc. flower - 9. Lilium very young anther with sporogenous tissue - 10. Lilium, style and stigma with pollen grains - 11. Orchis, transversal section aerial root - 12. Iris, epidermis w. m. - 13. Corn, Zea Mays root - 14. Corn, Zea Mays transv. sect. of young stem - 15. Corn Zea Mays transversal section stem - 16. Corn Zea Mays lateral section stem - 17. Rice transversal section of root - 18. Rice, transversal section of stem - 19. Rice, transversal section of leaf - 20. Triticum wheat transversal section root - 21. Triticum wheat transversal section of stem - 22. Triticum wheat transversal section of leaf - 23. Monoc+dicot leaves - 24. Monoc+ dicot stems - 25. Monoc+dicot roots.

#### #4985 ANGIOSPERMAE, DICOTYLEDONS (MAGNOLIOPSIDAE) (25 SLIDES)

1. Vicia root tip with mitosis - 2. Pelargonium transversal section young stem - 3. Pelargonium transversal section of leaf - 4. Helianthus transversal section mature root - 5. Helianthus stem - 6. Cuscuta, dodder on host - 7. Ficus rubber plant transversal sec. leaf - 8. Ipomoea sweat potato - 9. Capsella lateral section embryo with cotyledons - 10. Capsella section of developed flower - 11. Ranunculus transversal section young root - 12. Daucus carota - 13. Cucurbita, pumpkin - 14. Cucurbita, pumpkin lateral section - 15. Cotton leaf - 16. Ricinus, castor bean - 17. Pittosporum transvers. sec. of typical dicot leaf - 18. Miryophyllum transversal sect. of aquatic stem - 19. Nymphaea, water lily, tran. sec. of aquatic stem - 20. Solanum, irish potato, transversal section of mature tuber with starch granules - 21. Tilia one year stem - 22. Nerium, leaf - 23. Nicotiana transversal section of leaf - 24. Salix willow transversal section of stem - 25. Sambucus elder, bark with lenticels.

## ENVIRONMENT

#### #4952 ANIMALS AND PLANTS DAMAGED BY THE POLLUTION (10 SLIDES):

1. Plant parts infested with plant lice transversal section - 2. Damaged leaves transversal section destroyed epidermis - 3. Damaged needles of conifers transversal section - 4. Plant stem, damaged by the game, trans. section - 5. Wood destroyed by fungus - 6. Skin of fish transversal sec. injured by chemicals - 7. Skin ulcer of an amphib transversal section - 8. Human lung with coal dust transversal section - 9. Goiter caused by deficiency of iodine - 10. Gall nut caused by lice transversal section.

## THE COMPLETE ASSORTMENT

### • BOTANY

- #4877 - Bacteria and simple organisms (10 slides)
- #4982 - Botany, Fungi, Lichens and Briophyta (15 slides)
- #4983 - Botany, Hepaticae, Mosses, Pteridophytæ & Gymnosperms (25 slides)
- #4984 - Botany, angiospermae, monocotyledons (Liliopsidae) (25 slides)
- #4985 - Botany, angiospermae, dicotyledons (magnoliopsidae) (25 slides)

### • ENVIRONMENT

- #4952 - Animals and plants damaged by the environment (10 slides)





# KONUS BINOCULARS

A WIDE RANGE OF  
PRODUCTS FOR  
EVERY NEED

Konus binoculars are made with an uncompromising commitment to quality at its highest standards. Their superior components ensure the ultimate viewing experience for every demanding user.

Featuring a wide assortment of models with distinctive specifications (compact, zoom, waterproof, etc.), our lines of binoculars have become the favourite choice of avid sportsmen, birdwatchers and outdoorsmen.







# EMPEROR



#2340 12x50 W.A.



#2336 10x42 W.A.

## FEATURES

- › CLOSE FOCUS
- › PHASE CORRECTED
- › BAK-4 PRISMS
- › NITROGEN FILLED
- › SUPER WIDE ANGLE
- › EXTRA LARGE EYEPIECES
- › LONG EYE RELIEF
- › RUBBER COVERED

CODE	2340	2336
MODEL	EMPEROR	EMPEROR
TYPE	ROOF PRISMS	ROOF PRISMS
MAGNIFICATION PER Ø OBJECTIVE	12X50 W.A.	10X42 W.A.
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	80 M 262 FT	98 M 314.9 FT
EXIT PUPIL MM	4.1 MM	4.1 MM
WEIGHT GR/OZ	900 GR 31.7 OZ	760 GR 26.8 OZ
TRIPOD ADAPTABLE	YES	YES

## HIGH END BINOCULARS WITH PHASE CORRECTION

Widely considered some of the best binoculars in the industry, our Emperor models have generated unprecedented enthusiasm among the most demanding users. Never before a model with Phase Corrected optics has been so affordable, thus delivering the most outstanding combination of performance and value.





## REGENT



#2272 8x42 W.A.

#2273 10x42 W.A.

### FEATURES

- › HD OPTICAL SYSTEM
- › WATERPROOF
- › BAK-4 PRISMS
- › WIDE ANGLE
- › MULTI-COATED OPTICS
- › LARGE EYEPIECES
- › LONG EYE RELIEF

CODE	2272	2273
MODEL	REGENT	REGENT
TYPE	ROOF PRISMS	ROOF PRISMS
MAGNIFICATION PER Ø OBJECTIVE	8X42 W.A.	10X42 W.A.
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	110 M - 331 FT	102 M - 305 FT
EXIT PUPIL MM	5,2 MM	4 MM
WEIGHT GR/OZ	700 GR 24.6 OZ	700 GR 24.6 OZ
TRIPOD ADAPTABLE	YES	YES

### THE HD PERFORMANCE

These binoculars have been developed with a High-Definition optical system that provides an undeniable advantage in terms of brightness and sharpness of the image, while also enhancing the light transmission in less than favorable conditions. Fully waterproof, they are built with professional Bak-4 prisms and also come with multi-coating treatment.



#2346 10x50 W.A.

#2347 12x50 W.A.

## FEATURES

- › PHASE CORRECTED
- › OPEN HINGE CONSTRUCTION
- › BAK-4 PRISMS
- › FULLY MULTI COATED OPTICS
- › NITROGEN FILLED
- › LARGE EYEPIECES
- › LONG EYE RELIEF
- › WATERPROOF
- › RUBBER COVERED
- › CENTRAL FOCUS
- › SILVER MIRROR COATING
- › SUPER LIGHT WEIGHT
- › EXTRA LARGE EYEPIECES

CODE	2346	2347
MODEL	KONUSREX	KONUSREX
TYPE	ROOF PRISM OPEN HINGE	ROOF PRISM OPEN HINGE
MAGNIFICATION PER Ø OBJECTIVE	10X50 W.A.	12X50 W.A.
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	101 M 303FT	86 M 258 FT
EXIT PUPIL MM	5.2 MM	4.1 MM
WEIGHT GR/OZ	650 GR 22.8 OZ	650 GR 22.8 OZ
TRIPOD ADAPTABLE	YES	YES

## THE SILVER MIRROR COATING REVOLUTION

The absolute top of the line among Konus binoculars, the Konusrex series features the incomparable resolution and brilliance of the Silver Mirror Coating treatment, thus achieving a light transmission as high as 96%. The outstanding optical performance of these binoculars is further enhanced by the fully multi-coated lenses with Phase Correction and professional BAK-4 prisms.





#2344 8x42 W.A.

#2345 10x42 W.A.

## FEATURES

- › PHASE CORRECTED
- › OPEN HINGE CONSTRUCTION
- › BAK-4 PRISMS
- › FULLY MULTI COATED OPTICS
- › NITROGEN FILLED
- › LARGE EYEPIECES
- › LONG EYE RELIEF
- › WATERPROOF
- › RUBBER COVERED
- › CENTRAL FOCUS
- › SILVER MIRROR COATING
- › SUPER LIGHT WEIGHT
- › EXTRA LARGE EYEPIECES

CODE	2344	2345
MODEL	KONUSREX	KONUSREX
TYPE	ROOF PRISM OPEN HINGE	ROOF PRISM OPEN HINGE
MAGNIFICATION PER Ø OBJECTIVE	8X42 W.A.	10X42 W.A.
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	124 M 371 FT	106 M 319 FT
EXIT PUPIL MM	5.2 MM	4.2 MM
WEIGHT GR/OZ	550 GR 19.4 OZ	550 GR 19.4 OZ
TRIPOD ADAPTABLE	YES	YES

## THE SILVER MIRROR COATING REVOLUTION

The absolute top of the line among Konus binoculars, the Konusrex series features the incomparable resolution and brilliance of the Silver Mirror Coating treatment, thus achieving a light transmission as high as 96%.

The outstanding optical performance of these binoculars is further enhanced by the fully multi-coated lenses with Phase Correction and professional BAK-4 prisms.

# TITANIUM-OH



#2327 8x42 W.A.

#2328 10x42 W.A.

## FEATURES

- › LONG EYE RELIEF
- › BAK-4 PRISMS
- › MULTI COATED OPTICS
- › FOGPROOF
- › RUBBER COVERED
- › OPEN HINGE CONSTRUCTION
- › LARGE EYEPIECES

CODE	2327	2328
MODEL	TITANIUM OH	TITANIUM OH
TYPE	ROOF PRISM OPEN HINGE	ROOF PRISM OPEN HINGE
MAGNIFICATION PER Ø OBJECTIVE	8X42 W.A.	10X42 W.A.
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	122 M 366 FT	98 M 294 FT
EXIT PUPIL MM	4.6 MM	3.7 MM
WEIGHT GR/OZ	450 GR 15.8 OZ	450 GR 15.8 OZ
TRIPOD ADAPTABLE	NO	NO

## HIGH END BINOCULARS WITH SUPER LIGHT BODY

Highly touted by the most demanding customers due to their spectacular optical quality, the Titanium binoculars are now better looking than ever. Our newest 8x42 and 10x42 models feature a modern and sleek open hinge design that enhances their appearance while maximizing their portability.

# ABYSS - TORNADO



#2301 ABYSS 7x50 C.F.



COMPASS  
& RETICLE

#2325 TORNADO 7x50 I.F.

## FEATURES

- › WATERPROOF/FOGPROOF
- › NITROGEN FILLED
- › BAK-4 PRISMS
- › SPECIAL COATED OPTICS
- › RUBBER COVERED
- › BUILT-IN COMPASS AND ILLUMINATED RETICLE (#2325)
- › FLOATING BODY (#2325)
- › DARK GREEN COATING ON EYEPIECES AND OBJECTIVES (#2301)
- › ENLARGED EYEPIECES (#2301)
- › ROLL-DOWN EYECUPS (#2301)

CODE	2301	2325
MODEL	ABYSS	TORNADO
TYPE	WATERPROOF	WATERPROOF WITH COMPASS
MAGNIFICATION PER Ø OBJECTIVE	7X50	7X50
FOCUSING	CENTRAL	INDIVIDUAL
FIELD OF VIEW AT 1000M/YDS	112 M 367 FT	132 M 433 FT
EXIT PUPIL MM	7.1 MM	6.8 MM
WEIGHT GR/OZ	950 GR 33.5 OZ	890 GR 31 OZ
TRIPOD ADAPTABLE	YES	YES

## WATERPROOF BINOCULARS FOR NAUTICAL AND BOATING PURPOSES

The Konus nautical binoculars deliver a great performance in every marine and boating environment thanks to their waterproof and nitrogen purged construction, coupled with special coated lenses that help cut glare over water or snow.



#2171 7x50 C.F.



#2170 8x42 W.A.

## FEATURES

- › BAK-4 PRISMS
- › CENTRAL FOCUSING
- › EXTRA LARGE EYEPieces
- › WIDE ANGLE
- › MULTICOATED OPTICS
- › RUBBER COVERED

CODE	2170	2171	2172
MODEL	KONUSARMY	KONUSARMY	KONUSARMY
TYPE	PORRO PRISMS	PORRO PRISMS	PORRO PRISMS
MAGNIFICATION PER Ø OBJECTIVE	8X42 W.A.	7X50 C.F.	10X50 W.A.
FOCUSING	CENTRAL	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	140 M 459 FT	110 M 361 FT	112 M 367 FT
EXIT PUPIL MM	4.5 MM	6.7 MM	4.7 MM
WEIGHT GR/OZ	845 GR 29.8 OZ	970 GR 34.2 OZ	970 GR 34.2 OZ
TRIPOD ADAPTABLE	YES	YES	YES

## CLASSICAL BINOCULARS WITH MILITARY DESIGN

This brand new product stands out as a true military binocular in both its classical design and its remarkable specifications, which make it an ideal choice for every sportsman and professional that is looking for rugged and highly performing equipment that will never let him down.



## BASIC-PLUS • VIVISPORT



#2006 BASIC PLUS 10X42



#2040 VIVSPORT-2 16X32

### FEATURES

#### #2006

- › MULTI-COATED OPTICS
- › CENTRAL FOCUS
- › RUBBER COVERED
- › TRIPOD ATTACHMENT
- › CASE AND STRAP INCLUDED

#### #2040

- › CENTRAL FOCUS
- › SPECIAL COATING
- › RUBBER COVERED
- › ERGONOMIC DESIGN
- › 16X MAGNIFICATION

CODE	2006	2040
MODEL	BASIC-PLUS	VIVISPORT 2
TYPE	ROOF PRISM	COMPACT
MAGNIFICATION PER Ø OBJECTIVE	10X42	16X32
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	87 M 285.4 FT	82 M 269 FT
EXIT PUPIL MM	5.1 MM	2.6 MM
WEIGHT GR/OZ	484 G 17.07 OZ	250 GR 8.8 OZ
TRIPOD ADAPTABLE	YES	NO

### ROOF PRISM BINOCULARS AT A PRICE THAT CAN'T BE BEAT

While also featuring a noteworthy optical quality and a stylish design, these models truly stands out because of their supremely competitive price.

They are therefore a tremendous value for every sportsman or nature enthusiast on a budget.

# NEWZOOM



#2124 10-30x60 C.F.

#2122 8-24x50 C.F.

#2120 7-21x40 C.F.

## FEATURES

- › RUBBER COVERED
- › CENTRAL FOCUS
- › COATED OPTICS
- › ZOOM POWER

CODE	2124	2122	2120
MODEL	NEWZOOM	NEWZOOM	NEWZOOM
TYPE	ZOOM	ZOOM	ZOOM
MAGNIFICATION PER Ø OBJECTIVE	10-30X60 ZOOM	8-24X50 ZOOM	7-21X40 ZOOM
FOCUSING	CENTRAL	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	78M - 234 FT AT 10X 35 M - 105 FT AT 30X	78 M - 234 FT AT 8X 40M - 131 FT AT 24X	96 M - 314 FT AT 7X 43 M - 129 FT AT 21X
EXIT PUPIL MM	6 MM AT 10X 2 MM AT 30X	6.2 MM AT 8X 2.1 MM AT 24X	5.7 MM AT 7X 1.9 MM AT 21X
WEIGHT GR/OZ	1380 GR 49.2 OZ	900 GR 31.7 OZ	800 GR 28.3 OZ
TRIPOD ADAPTABLE	YES	YES	YES

## THE INCOMPARABLE VERSATILITY OF ZOOM BINOCULARS

The Konus Newzoom line is available in 3 diameters with different power in order to match every user's needs. These binoculars also feature a strong and rugged body with rubber armour and crisp optical quality.



#2101 8x40 W.A.



#2102 7x50 C.F.

#2103 10x50 W.A.

## FEATURES

- › COATED OPTICS
- › WIDE ANGLE (#2101 AND #2103)
- › RUBBER COVERED
- › CENTRAL FOCUS
- › COMPETITIVELY PRICED
- › LIGHTWEIGHT BODY

CODE	2101	2102	2103
MODEL	KONUSVUE	KONUSVUE	KONUSVUE
TYPE	PORRO PRISMS	PORRO PRISMS	PORRO PRISMS
MAGNIFICATION PER Ø OBJECTIVE	8X40 W.A.	7X50 C.F.	10X50 W.A.
FOCUSING	CENTRAL	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	143 M 476 FT	119 M 396 FT	122 M 406 FT
EXIT PUPIL MM	5 MM	7.1 MM	4 MM
WEIGHT GR/OZ	530 GR 18.6 OZ	750 GR 26 OZ	800 GR 28 OZ
TRIPOD ADAPTABLE	YES	YES	YES

## RUGGED AND DEPENDABLE BINOCULARS

Although very competitively priced, the Konusvue binoculars have a good optical quality, a strong full-metal construction and a sturdy rubber armouring for superior gripping capability even while wearing gloves.

# SPORTY



#2255 7x50

#2256 10x50 W.A.



#2010

TRIPOD ATTACHMENT  
FOR SPORTY BINOCULARS  
(SEE PAGE 66-67 FOR  
TRIPODS)



#2022

UNIVERSAL TRIPOD  
ATTACHMENT FOR  
BINOCULARS (SEE PAGES  
66-67 FOR TRIPODS)

## FEATURES

- › FOCUS FREE
- › GREEN MULTI-COATED OPTICS
- › WIDE ANGLE (#2256)
- › RUBBER COVERED
- › IDEAL FOR LOOKING AT FAST MOVING OBJECTS

CODE	2255	2256
MODEL	SPORTY	SPORTY
TYPE	PORRO PRISMS	PORRO PRISMS
MAGNIFICATION PER Ø OBJECTIVE	7X50	10X50 W.A
FOCUSING	FOCUS FREE	FOCUS FREE
FIELD OF VIEW AT 1000M/YDS	122 M 366 FT	96 M 288 FT
EXIT PUPIL MM	7.1 MM	5 MM
WEIGHT GR/OZ	800 GR 28.2 OZ	770 GR 27 OZ
TRIPOD ADAPTABLE	YES	YES

## FOCUS FREE BINOCULARS FOR FAST MOVING TARGETS

The Sporty binoculars stand out because of their competitive price and because of their special focus free construction that enables them to automatically focus on every target from a set distance on without any manual adjustment.





#2110 20x80



#2125 20x60

## FEATURES

- › COATED OPTICS
- › WIDE DIAMETER
- › RUBBER COVERED
- › CENTRAL FOCUS
- › PROFESSIONAL TRIPOD ATTACHMENT (#2110)

CODE	2110	2125
MODEL	GIANT-80	GIANT-60
TYPE	PORRO PRISMS	PORRO PRISMS
MAGNIFICATION PER Ø OBJECTIVE	20X80	20X60
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	48 M 157 FT	38 M 124 FT
EXIT PUPIL MM	3.83 MM	3 MM
WEIGHT GR/OZ	2500 GR 88.1 OZ	1300 GR 45.8 OZ
TRIPOD ADAPTABLE	YES	YES

## HIGH POWERED BINOCULARS WITH LARGE DIAMETERS

Two giant binoculars with 20x magnification power and impressive 60mm and 80mm objectives.

Built to maximize the field of view and provide an outstanding panoramic vision, they are ideal for astronomy and birdwatching.

Due to their dimensions, they are quite heavy and it is therefore recommended to use them with a tripod.

# SUPREME-2



#2363 8x26 W.A.

#2364 10x26 W.A.

## FEATURES

- › CENTRAL FOCUS
- › FULLY MULTI-COATED OPTICS
- › ERGONOMIC DESIGN
- › WIDE ANGLE
- › RUBBER COVERED
- › WATERPROOF
- › BAK-4 PRISMS
- › OPEN HINGE CONSTRUCTION

CODE	2363	2364
MODEL	SUPREME- 2	SUPREME- 2
TYPE	COMPACT WATERPROOF	COMPACT WATERPROOF
MAGNIFICATION PER Ø OBJECTIVE	8X26 W.A.	10X26 W.A.
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	123 M 403 FT	103 M 337 FT
EXIT PUPIL MM	3.25 MM	2.6 MM
WEIGHT GR/OZ	305 GR 10.7 OZ	325 GR 11.4 OZ
TRIPOD ADAPTABLE	NO	NO

## COMPACT WATERPROOF BINOCULARS

Waterproof and nitrogen purged, these binoculars will perform flawlessly even in the most challenging weather conditions. The # 2363 and # 2364 are high end models with BAK-4 prisms, fully multi-coated optics, extra wide eyepieces and long eye relief.



#2306 VIVISPORT-25 10x25

## FEATURES

- › WATERPROOF
- › 25MM OBJECTIVE DIAMETER
- › MULTICOATED LENSES
- › CENTRAL FOCUS
- › RUBBER COVERED
- › CASE AND STRAP INCLUDED

CODE	2306
MODEL	VIVISPORT-25
TYPE	COMPACT WATERPROOF
MAGNIFICATION PER Ø OBJECTIVE	10X25
FOCUSING	CENTRAL
FIELD OF VIEW AT 1000M/YDS	100.8 M 331 FT
EXIT PUPIL MM	2.5 MM
WEIGHT GR/OZ	317.5 GR 11.2 OZ
TRIPOD ADAPTABLE	NO

## COMPACT WATERPROOF BINOCULARS AT AN UNBEATABLE PRICE

The # 2306 is in class by itself, because never before has a compact waterproof binocular been so affordable. And its appearance is top notch as well, by virtue of its unique and captivating design.



# ACTION - EXPLO



#2041 ACTION 10x25 F.F.



#2023 EXPLO 8x21 C.F.

#2024 EXPLO 10x25 C.F.

## FEATURES

- › FIXED FOCUS (#2041)
- › RUBY COATED OPTICS
- › RUBBER COVERED
- › CENTRAL FOCUS (#2023 AND #2024)
- › SPECIAL PACKAGING (#2023 AND #2024)

CODE	2041	2023	2024
MODEL	ACTION	EXPLO	EXPLO
TYPE	COMPACT	COMPACT	COMPACT
MAGNIFICATION PER Ø OBJECTIVE	10X25	8X21	10X25
FOCUSING	FIXED FOCUS	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	80 M 240 FT	126 M 378 FT	100 M 300 FT
EXIT PUPIL MM	2.1 MM	2.6 MM	2.5 MM
WEIGHT GR/OZ	170 GR 5.9 OZ	150 GR 5.3 OZ	200 GR 6.9 OZ
TRIPOD ADAPTABLE	NO	NO	NO

## EYE-CATCHING COMPACT BINOCULARS

The #2041 binoculars feature a terrific appearance and have been built with a special focus-free optical system that is ideal for observing fast moving objects. The #2023 and #2024 binoculars have been developed with an highly captivating and original packaging which will definitely stand out. The product will therefore draw the attention of every potential buyer, while also being protected from shoplifters.



#2019 8x21

#2020 10x25



#2059 8-17x25 ZOOM

## FEATURES

- › CENTRAL FOCUS
- › GREEN COATED OPTICS (#2019-20)
- › RUBBER COVERED (#2019-20)
- › ZOOM MAGNIFICATION (#2059)
- › SPECIAL-COATED OPTICS (#2059)
- › ERGONOMIC DESIGN (#2059)
- › PVC-BODY (#2059)

CODE	2019	2020	2059
MODEL	NEXT-2	NEXT-2	ZOOMY-25
TYPE	COMPACT	COMPACT	COMPACT ZOOM
MAGNIFICATION PER Ø OBJECTIVE	8X21	10X25	8-17X25
FOCUSING	CENTRAL	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	124 M 406.8 FT	101 M 331.3 FT	80M/262FT AT 8X 46M/150FT AT 17X
EXIT PUPIL MM	2.6 MM	2.5 MM	3MM AT 8X
WEIGHT GR/OZ	250 GR 8.81 OZ	260 GR 9.17 OZ	300 GR 10.5 OZ
TRIPOD ADAPTABLE	NO	NO	NO

## COMPACT BINOCULARS WITH EXCLUSIVE DESIGN

These instruments give you the possibility to carry the power of observation anywhere. Their reduced dimensions, the optical quality and the special rubber covering make them indispensable items for travelling, trekking, following sport events and so on.

# BASIC



#2007 8x21 C.F.



#2008 10x25 C.F.

#2009 12x32 C.F.

## FEATURES

- › PACKED IN GIFTBOX
- › RUBY COATED OPTICS
- › RUBBER COVERED
- › CENTRAL FOCUS

CODE	2007	2008	2009
MODEL	BASIC	BASIC	BASIC
TYPE	COMPACT	COMPACT	COMPACT
MAGNIFICATION PER Ø OBJECTIVE	8X21	10X25	12X32
FOCUSING	CENTRAL	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	122 M 366 FT	96 M 288 FT	90 M 270 FT
EXIT PUPIL MM	2.7 MM	2.5 MM	2.5 MM
WEIGHT GR/OZ	230 GR 8.1 OZ	232 GR 8.1 OZ	250 GR 8.8 OZ
TRIPOD ADAPTABLE	NO	NO	NO

## THE ESSENTIAL COMPACT BINOCULARS

Regardless of the category you are into, it is always important to count on a line of products that enables you to compete also at the lowest price level. These binoculars will serve you well for such a purpose, while still featuring a more than satisfactory quality, a great looking packing and some nice cosmetic touches like the silver metal body and the ruby coated lenses.





#2055 3X25 C.F.



#2057 3X25 C.F.

## FEATURES

- › WITH OPTICAL GLASS LENSES
- › CENTRAL FOCUS
- › WITH CASE

CODE	2055	2057
MODEL	OPERA-43	OPERA-45
TYPE	OPERA GLASS	OPERA GLASS
MAGNIFICATION PER Ø OBJECTIVE	3X25	3X25
FOCUSING	CENTRAL	CENTRAL
FIELD OF VIEW AT 1000M/YDS	127 M 381 FT	127 M 381 FT
EXIT PUPIL MM	6.5 MM	6.5 MM
WEIGHT GR/OZ	210 GR 7.4 OZ	210 GR 7.4 OZ
TRIPOD ADAPTABLE	NO	NO

## THE FEELING OF BEING IN THE FIRST ROW

A binocular series that will deliver the best results in closed spaces, such as theaters. With these opera-glasses, you will really feel like you are seated in the front row, and you will not miss any detail of the show and its players.

# KONUS SPOTTING SCOPES

## HIGH QUALITY INSTRUMENTS

Widely considered to be in a class by themselves, Konus spotting scopes are built to exceed even the highest expectations in terms of performance and value.

Their superior optical quality and their distinctive features are currently unparalleled in the industry, thus making these fine instruments the favorite choice of avid birdwatchers and outdoorsmen.



# KONUSPOT-100



SMARTPHONE  
ADAPTER INCLUDED



#7127 20-60x100 ZOOM

## FEATURES

- › TRIPOD NOT INCLUDED
- › CAMERA ADAPTER INCLUDED
- › SMARTPHONE ADAPTER INCLUDED
- › PROTECTIVE PROFESSIONAL CASE INCLUDED
- › MULTI-COATED OPTICS

CODE	7127
MODEL	KONUSPOT-100
MAGNIFICATION	20-60X ZOOM
Ø OBJECTIVE	100 MM
FIELD OF VIEW AT 1000M/YDS	29 M - 88 FT AT 20X 15 M - 44 FT AT 60X
EXIT PUPIL MM	5 MM AT 20X 1.67 MM AT 60X
WEIGHT GR/OZ	2097 GR 74 OZ
LENGTH MM/INCHES	498 MM 19.6"

## SPOTTING SCOPES WITH UNCOMPROMISING QUALITY

Our acclaimed series of spotting scopes has been completely re-designed in order to amaze even the most demanding users. With oversized objective lenses and zoom eyepieces, these superb instruments are built to maximize the viewing experience under any light condition. And they are now richer than ever, since they also include a special adapter for Smartphones that makes them even more versatile.



# KONUSPOT-80



#7126 20-60x80 ZOOM

## FEATURES

- › MULTI COATED OPTICS
- › TABLE TRIPOD INCLUDED
- › SMARTPHONE ADAPTER INCLUDED
- › CAMERA ADAPTER INCLUDED
- › PROTECTIVE PROFESSIONAL CASE INCLUDED

CODE	7126
MODEL	KONUSPOT-80
MAGNIFICATION	20-60X ZOOM
Ø OBJECTIVE	80 MM
FIELD OF VIEW AT 1000M/YDS	26 M - 79 FT AT 20X 14 M - 41 FT AT 60X
EXIT PUPIL MM	2.9 MM AT 20X 1.2 MM AT 60X
WEIGHT GR/OZ	1400 GR 49.3 OZ
LENGTH MM/INCHES	447 MM 17.6"

## EQUIPPED WITH EXCLUSIVE SMARTPHONE ADAPTER

On top of its unparalleled optical performance the #7126 spotting scope also brings to the table a remarkably attractive design and plenty of invaluable accessories. In fact this model comes with a table tripod and a protective carrying case, to go along with an exclusive adapter for smartphones that will set it apart from the competition.

# KONUSPOT-65



#7128 15-45x65 ZOOM

## FEATURES

- › MULTI COATED OPTICS
- › TABLE TRIPOD INCLUDED
- › SMARTPHONE ADAPTER INCLUDED
- › CAMERA ADAPTER INCLUDED
- › PROTECTIVE PROFESSIONAL CASE INCLUDED

CODE	7128
MODEL	KONUSPOT-65
MAGNIFICATION	15-45X ZOOM
Ø OBJECTIVE	65 MM
FIELD OF VIEW AT 1000M/YDS	38 M - 115 FT AT15X 20 M - 59 FT AT 45X
EXIT PUPIL MM	4 MM AT 15X 1.3 MM AT 45X
WEIGHT GR/OZ	898 GR 31.7 OZ
LENGTH MM/INCHES	355.6 MM 14"

## SUPERIOR CLARITY AND BRIGHTNESS

More compact and portable than the 80mm and 100mm versions, this 65mm spotting scope is equally spectacular from an optical standpoint and it also includes the very same accessories, starting with the special adapter for Smartphones.

# KONUSPOT



#7125 KONUSPOT-60C 20-60x60 ZOOM



#7124 KONUSPOT-50 15-40x50 ZOOM

## FEATURES

- › TABLE TRIPOD INCLUDED
- › COATED OPTICS
- › ZOOM POWER
- › CARRYING CASE INCLUDED

CODE	7125	7124
MODEL	KONUSPOT-60C	KONUSPOT-50
MAGNIFICATION	20-60X ZOOM	15X-40X ZOOM
Ø OBJECTIVE	60 MM	50 MM
FIELD OF VIEW AT 1000M/YDS	38M - 124.6FT AT 20X 17M - 55.77 FT AT 60X	50M - 164FT AT 15X 15M - 49FT AT 40X
EXIT PUPIL MM	13 MM AT 20X 11 MM AT 60X	3.57 MM AT 15X 1.25 MM AT 40X
WEIGHT GR/OZ	1025 GR 36.15 OZ	466 GR 16.4 OZ
LENGTH MM/INCHES	345 MM 13.5"	245 MM 9.6"

## VERSATILE AND AFFORDABLE SPOTTING SCOPES

A perfect choice for hunters, birdwatchers and nature enthusiasts with a tight budget, these spotting scopes combine fine optical quality, attractive design and a price that can't be beat.





#7316 RF-1200 6x25



#7317 EVO-1200 6X25

## FEATURES

- › 6X MAGNIFICATION
- › MEASURING RANGE FROM 5 - 1200M OR 5 - 1320YDS
- › FLAGPOLE LOCK FUNCTION(#7316)
- › SPEED AND HEIGHT CALCULATION (#7316)
- › ANGLE COMPENSATION (#7316)
- › METER/YARD MEASUREMENT
- › SCANNING FUNCTION
- › FOG/RAIN MODE
- › GOLF AND HUNTING MODE
- › STRAP AND CASE INCLUDED
- › SUPER COMPACT SIZE (#7316)

CODE	7316	7317
MODEL	RF-1200	EVO-1200
TYPE	LASER RANGE FINDER	LASER RANGE FINDER
MAGNIFICATION X OBJECTIVE Ø	6X25	6X25
MEASURED DISTANCE	5-1200 M 5-1320 YDS	5-1200M 5-1320 YDS
FIELD OF VIEW AT 1000M/YDS	128 M 419.9 FT	113.6 M 372.7 FT
ACCURACY	+/- 1M	+/- 1M
WEIGHT	158 GR 5.57 OZ	135 GR 4.76
TRIPOD ADAPTABLE	NO	NO

## AFFORDABLE RANGEFINDERS WITH PLENTY OF VALUE

Two rangefinder models with a maximum distance of 1200m or 1320 yards. The #7317 is an ideal solution when you are trying to save money on a tight budget, while the #7316 is especially remarkable for its pocket-sized dimensions to go along with many other functions that make it an essential tool for hunters and golfers: angle compensation, speed and height calculation, flagpole lock and so forth.

# KONUSMALL-3



SMARTPHONE  
ADAPTER INCLUDED

**#2063 8-24x40 ZOOM**

## FEATURES

- › 8X-24X ZOOM POWER
- › 40MM OBJECTIVE DIAMETER
- › MULTI-COATED LENSES
- › DUAL FOCUS SYSTEM
- › TRIPOD ATTACHMENT
- › SMARTPHONE ADAPTER
- › CASE INCLUDED

CODE	2063
MODEL	KONUSMALL-3
MAGNIFICATION	8-24X ZOOM
Ø OBJECTIVE	40 MM
FIELD OF VIEW AT 1000M/YDS	80.4 M - 264 FT AT 8X 45.5 M -149.2 FT AT 24X
EXIT PUPIL MM	4.2 MM AT 8X 1.7 MM AT 24X
WEIGHT GR/OZ	156 GR 5.5 OZ
LENGTH MM/INCHES	155 MM 6.1"

## ZOOM MONOCULAR WITH SMARTPHONE ADAPTER

A truly revolutionary concept, the #2063 is a high end monocular which provides the dual advantage of a tremendous power and a very reduced size.

It comes with a 8x-24x zoom eyepiece and with an universal Smartphone adapter that will dramatically enrich and expand every user's viewing experience.



**#2062 KONUSMALL-2 7-17x30 ZOOM**



**#2060 KONUSMALL10x25**

## FEATURES

- › ZOOM MAGNIFICATION FROM 7X TO 17X (#2062)
- › 30MM OBJECTIVE DIAMETER (#2062)
- › MULTI-COATED OPTICS (#2062)
- › DOUBLE FOCUSING SYSTEM (#2062)
- › TRIPOD ATTACHMENT (#2062)
- › ROLL-DOWN EYECUP (#2062)
- › STRAP AND CASE INCLUDED (#2062)
- › SET 6 PIECES (#2060)
- › WITH DISPLAY BOX (#2060)
- › RUBY COATED OPTICS (#2060)
- › RUBBER COVERED (#2060)

CODE	2062	2060
MODEL	KONUSMALL-2	KONUSMALL
MAGNIFICATION	7X-17X ZOOM	10X
Ø OBJECTIVE	30 MM	25 MM
FIELD OF VIEW AT 1000M/YDS	80.5M - 264.1 FT AT 7X 45.5M - 149.2FT AT 17X	100 M 300 FT
EXIT PUPIL MM	4.2 MM AT 7X 1.7 MM AT 17X	2.5 MM
WEIGHT GR/OZ	156 GR 5.5 OZ	60 GR 2.1 OZ
LENGTH MM/INCHES	128 MM 5.03"	113 MM 4.44"

## POWERFUL AND POCKET-SIZED

The **#2062** is a new high quality monocular with 7x-17x zoom power and 30mm objective diameter. It features a very advanced dual focusing system with quick focusing and fine focusing options.

The **#2060** is a competitively priced and attractive unit with 10x25 size.



# COMPASSES



#4089 KONUSPOINT-6



#4074 KONUSTAR-10



#4075 KONUSTAR-11

## FEATURES

### #4089 KONUSPOINT-6

- › SET 6 PIECES
- › MARCH COMPASS
- › EXCLUSIVE DESIGN
- › SUPPLIED WITH ITS OWN 6-PIECE DISPLAY BOX
- › COMPACT AND LIGHTWEIGHT

## COMPASSES WITH MILITARY QUALITY AND TECHNOLOGY

Invented, created and developed by Konus, these compasses are a worldwide exclusivity that only our company can offer you. The #4074-4075 are professional models with full metal body and plenty of other military features like the clinometer, the level bubble, the tripod attachment and the 360° eyepiece. The # 4089 is a cheaper and more compact version that combines an innovative design with an extremely light weight.

## FEATURES

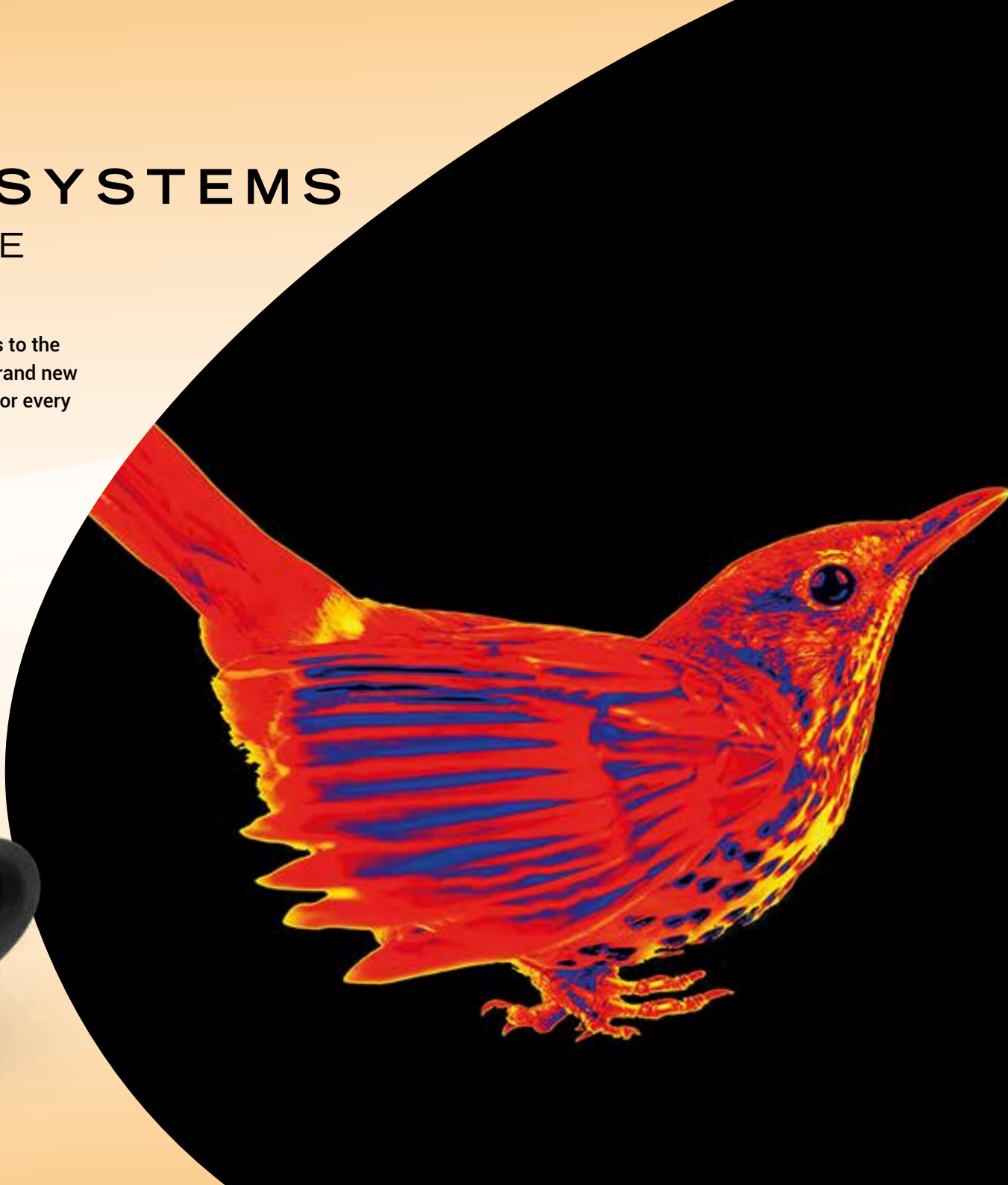
### #4074 KONUSTAR-10 - GREY #4075 KONUSTAR-11 - GREEN

- › PROFESSIONAL COMPASS
- › FULL METAL BODY
- › LIQUID FILLED
- › CLINOMETER
- › LEVEL BUBBLE
- › 2 SCALES
- › TRIPOD ATTACHMENT
- › 360° EYEPIECE

# KONUS THERMAL SYSTEMS

## PERFORMANCE AND VALUE

Taking its acclaimed line of thermal systems to the next level, Konus is proud to introduce the brand new Fiery series with 3 state-of-the-art options for every scenario that requires you to find and identify with supreme accuracy what you are searching for.



# FIERY 3X - 24X



#7959 3X - 24X ZOOM



## FEATURES

- › HANDHELD THERMAL MONOCULAR
- › 1440X1080 RESOLUTION WITH HIGH SENSITIVITY DETECTOR
- › 19MM FOCAL LENGTH
- › ZOOM MAGNIFICATION: 3X-24X
- › REMOVABLE AND RECHARGEABLE LITHIUM BATTERY
- › WI-FI HOT SPOT
- › MEMORY MODULE WITH 32GB SD CARD
- › WHITE HOT/BLACK HOT/GREEN HOT/IRON RED/RED HOT/SEPHIA
- › DISTANCE CALCULATION VIA VIDEO ANALYSIS
- › PHOTO AND VIDEO RECORDING FUNCTION
- › FIRE WARNING FUNCTION WITH ALARM
- › WATERPROOF

DETECTION RANGE (STANDARD CAR SIZE)	3900 M 12795.2 FT
DETECTION RANGE (AVERAGE HUMAN SIZE)	1800 M 5905.5 FT
RECOGNITION RANGE (STANDARD CAR SIZE)	1000 M 3280.84 FT
RECOGNITION RANGE (AVERAGE HUMAN SIZE)	460 M 1509.19 FT
IDENTIFICATION RANGE (STANDARD CAR SIZE)	500 M 1509.19 FT
IDENTIFICATION RANGE (AVERAGE HUMAN SIZE)	230 M 754.5 FT
WEIGHT (GR/OZ)	318 GR 11.21 OZ
LENGTH	151.7 MM 5.98"

## THE THERMAL PRIMACY

Engineered with a magnesium body that minimizes its weight, this monocular is much more compact and portable than any other comparable option in the marketplace. And yet its reduced size packs an unparalleled visual performance that literally outclasses the competition in terms of resolution (640x512), zoom magnification power (3x-24x), number of palettes (6) and OLED display (1440x1080). This model is therefore the choice of demanding professionals that are not accustomed to cut corners when it comes to their equipment, because they simply need to have the best of the best.





# FIERY 3X - 24X

THERMAL MODULE		SMART FUNCTION	
IMAGE SENSOR	1440×1080 pixels	HIGHEST TEMPERATURE SPOT TRACKING	YES
MAX RESOLUTION	640×512 pixels	WI-FI HOT SPOT	YES
RESPONSE WAVEBAND	8μm ~14μm	STAND-BY MODE	YES
NETD	≤30mK@f/1.0	SYSTEM	
LENS (FOCAL LENGTH)	35mm	STORAGE	32GB
MRAD	0.34mrad	RECORD VIDEO	YES
FIELD OF VIEW	H: 12.4°; V: 10.0°	CAPTURE SNAPSHOT	YES
DIGITAL ZOOM	1X 2X 4X 8X	POWER SUPPLY	
APERTURE	F1.0	BATTERY TYPE	Removable 18650
MAGNIFICATION	3x-24x	BATTERY OPERATING TIME	≥6.5h
IMAGE DISPLAY		BATTERY CAPACITY DISPLAY	YES
MONITOR	0.41 inch OLED 1440×1080	GENERAL	
FFC (FLAT FIELD CORRECTION)	AUTO, MANUAL EXTERNAL CORRECTION	POWER	5 VDC/1 A
PALETTES	WHITE HOT - SEPHIA - GREEN HOT RED HOT - IRON RED - BLACK HOT	WORKING TEMPERATURE	-30 °C to +50 °C (-22 °F to +122 °F)
FRAME FREQUENCY	50Hz	PROTECTION LEVEL	SUBMERSIBLE WATERPROOF IP-67
		DIMENSIONS	151.7 mm × 42.0 mm × 74.4 mm (5.98" × 1.65" × 2.93")
		WEIGHT	318G - 11.21 OZ



## 6 SELECTABLE PALETTES

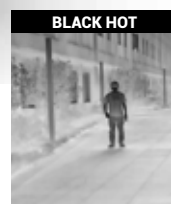
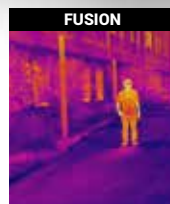


# FIERY 2X-16X



#7957 2X-16X ZOOM

## 4 SELECTABLE PALETTES



THERMAL MODULE		SMART FUNCTION	
IMAGE SENSOR	1280×960 pixels	HIGHEST TEMPERATURE SPOT TRACKING	YES
MAX RESOLUTION	400×300 pixels	WI-FI HOT SPOT	YES
RESPONSE WAVEBAND	8μm a 14μm	MODALITÁ STAND-BY	YES
NETD	≤35 mK@f/1.0	SYSTEM	
LENS(FOCAL LENGTH)	19 mm	STORAGE	32 GB
MRAD	0.89mrad	RECORD VIDEO	YES
FIELD OF VIEW	H: 20.4°; V: 15.3°	CAPTURE SNAPSHOT	YES
DIGITAL ZOOM	1x; 2x; 4x; 8x	POWER SUPPLY	
APERTURE	F1.0	BATTERY TYPE	Built-in 18650
MAGNIFICATION	2x-16x	BATTERY OPERATING TIME	5 HOURS
IMAGE DISPLAY		BATTERY CAPACITY DISPLAY	YES
MONITOR	0.4 inch LCOS 1280×960	GENERAL	
FFC (FLAT FIELD CORRECTION)	AUTO, MANUAL EXTERNAL CORRECTION	POWER	5 VDC, 0.5 A
PALETTES	BLACK HOT, WHITE HOT, RED HOT, FUSION	WORKING TEMPERATURE	-20 °C to +55 °C ( -4 °F to +131 °F)
FRAME FREQUENCY	50Hz	PROTECTION LEVEL	SUBMERSIBLE WATERPROOF RATING IP-67
		DIMENSIONS	187.5 mm × 66.5 mm × 68.5 mm (7.38" × 2.61" × 2.69") (L × W × H)
		WEIGHT	450 g (15.8 oz)

## FEATURES

- › HANDHELD THERMAL MONOCULAR
- › 400X300 RESOLUTION WITH HIGH SENSITIVITY DETECTOR
- › 19MM FOCAL LENGTH
- › ZOOM MAGNIFICATION: 2X-16X
- › BUILT-IN RECHARGEABLE LITHIUM BATTERY
- › WI-FI HOT SPOT
- › MEMORY MODULE WITH 32GB SD CARD
- › 4 PALETTES: WHITE HOT/BLACK HOT/IRON RED/ALARM
- › DISTANCE CALCULATION VIA VIDEO ANALYSIS
- › RED DOT POINTER FOR QUICK TARGET ACQUISITION
- › PHOTO AND VIDEO RECORDING FUNCTION
- › FIRE WARNING FUNCTION WITH ALARM

DETECTION RANGE (STANDARD CAR SIZE)	1490 M 4888.4 FT
DETECTION RANGE (AVERAGE HUMAN SIZE)	650 M 2132.5 FT
RECOGNITION RANGE (STANDARD CAR SIZE)	370 M 1213.91 FT
RECOGNITION RANGE (AVERAGE HUMAN SIZE)	160 M 524.9 FT
IDENTIFICATION RANGE (STANDARD CAR SIZE)	190 M 623.3 FT
IDENTIFICATION RANGE (AVERAGE HUMAN SIZE)	80 M 262.4 FT
WEIGHT (GR/OZ)	450G 15.8 OZ
LENGTH	187.2MM 7.37"

## THE THERMAL REVOLUTION

Thermal imaging technology that performs at an unprecedented level by virtue of its 400x300 resolution (as opposed to the standard 384x288 resolution of most competing models) and its 2x-16x zoom power (as opposed to the much smaller magnification range of most competing models). On top of this, the # 7957 comes with plenty of unique features that further set it apart: 4 different palettes, Wi-Fi hotspot, photo/video recording function, distance calculation, fire warning alarm and so forth. It also includes a red dot pointer for easy and quick acquisition of what you want to observe.



# FLAME 1.5X - 3X



#7954 1.5X-3X ZOOM



FUSION



RED HOT



WHITE HOT



BLACK HOT

THERMAL MODULE		SMART FUNCTION	
IMAGE SENSOR	Vanadium Oxide Uncooled Focal Plane Arrays	HIGHEST TEMPERATURE SPOT TRACKING	YES
MAX RESOLUTION	384X288	WI-FI HOT SPOT	YES
PIXEL INTERVAL	8µm to 14µm	STAND-BY MODE	YES
RESPONSE WAVEBAND	8 µm to 14 µm	SYSTEM	
NETD	Less Than 35mk (@25°C), F#=1.0	STORAGE	BUILT-IN MEMORY 8GB
LENS (FOCAL LENGTH)	15mm	RECORD VIDEO	YES
FIELD OF VIEW	24.55°x18.9° (HxV)	CAPTURE SNAPSHOT	YES
DIGITAL ZOOM	FROM 1.4X TO 3X	POWER SUPPLY	
APERTURE	F1,0	BATTERY TYPE	Built-in 18650 Lithium Battery
MAGNIFICATION	FROM 1.4x TO 3x	BATTERY OPERATING TIME	7.5 HOURS
IMAGE DISPLAY		BATTERY CAPACITY DISPLAY	YES
MONITOR	0.39 inches, OLED, 1024x768	GENERAL	
FFC (FLAT FIELD CORRECTION)	AUTO, MANUAL, EXTERNAL CORRECTION	POWER	5VDC/2 A, 1.5W, Type-C Interface
PALETTES	BLACK HOT, WHITE HOT, RED HOT, FUSION	WORKING TEMPERATURE	FROM -20°C to 55°C (-4°F to 131°F)
FRAME FREQUENCY	50Hz	PROTECTION LEVEL	SUMERSIBLE WATERPROOF RATING IP-67
		DIMENSIONS	158.3mm x 61mm x 57mm (6.23" x 2.40" x 2.24")
		WEIGHT	250g (0.55 lb)

## FEATURES

- › HANDHELD THERMAL MONOCULAR CAMERA
- › 384X288 PIXELS RESOLUTION, HIGH SENSITIVITY DETECTOR
- › BUILT-IN RECHARGEABLE LITHIUM BATTERY
- › WI-FI HOT SPOT
- › ZOOM MAGNIFICATION FROM 1.5X TO 3X
- › 8GB INTERNAL MEMORY
- › WATERPROOF UP TO 3.3FT DEPTH
- › PHOTO AND VIDEO RECORDING FUNCTION

DETECTION RANGE (STANDARD CAR SIZE)	1353 M 1479.6 YDS
DETECTION RANGE (AVERAGE HUMAN SIZE)	400 M 437.44 YDS
RECOGNITION RANGE (STANDARD CAR SIZE)	338 M 369.9 YDS
RECOGNITION RANGE (AVERAGE HUMAN SIZE)	110 M 120.2 YDS
IDENTIFICATION RANGE (STANDARD CAR SIZE)	169 M 184.8 YDS
IDENTIFICATION RANGE (AVERAGE HUMAN SIZE)	55 M 69.1 YDS
WEIGHT (GR/OZ)	250 GR 8.81 OZ
LENGTH	158.3 MM 6.23"

## THE THERMAL SUPERIORITY

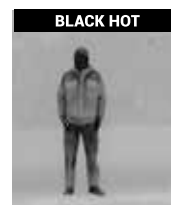
An ideal choice for professional users, our #7954 model is engineered to maximize any on-field visual experience with a truly remarkable 384x288 resolution that goes way beyond the standards of the market. It also features a very powerful 1.5x-3x zoom system and a generous 8GB internal memory that will accomodate all of your needs while taking pictures and recording videos.

# FLAME 1.4X - 11.2X



#7953 0.6x - 2.4x ZOOM

## 4 SELECTABLE PAlettes



THERMAL MODULE		SMART FUNCTION	
IMAGE SENSOR	Vanadium Oxide Uncooled Focal Plane Arrays	HIGHEST TEMPERATURE SPOT TRACKING	YES
MAX RESOLUTION	160x120	WI-FI HOT SPOT	YES
PIXEL INTERVAL	17µm	STAND-BY MODE	YES
RESPONSE WAVEBAND	8 µm to 14 µm	SYSTEM	
NETD	Less Than 35mk (@25°C), F#=1.0	STORAGE	BUILT-IN MEMORY 8GB
LENS (FOCAL LENGTH)	6.2mm	RECORD VIDEO	YES
FIELD OF VIEW	14.7°x18.7° (HxV)	CAPTURE SNAPSHOT	YES
DIGITAL ZOOM	da 0,6X a 2,4X	POWER SUPPLY	
APERTURE	F1,0	BATTERY TYPE	Built-in 18650 Lithium Battery
MAGNIFICATION	DA 0.6 a 2.4	BATTERY OPERATING TIME	7.5 HOURS
IMAGE DISPLAY		BATTERY CAPACITY DISPLAY	YES
MONITOR	0.2 NCHES, LCOS, 720x540	GENERAL	
FFC (FLAT FIELD CORRECTION)	AUTO, MANUAL, EXTERNAL CORRECTION	POWER	5VDC/2 A, 1.5W, Type-C Interface
PAlettes	BLACK HOT, WHITE HOT, RED HOT, FUSION	WORKING TEMPERATURE	FROM -20°C to 55°C (-4°F to 131°F)
FRAME FREQUENCY	50Hz	PROTECTION LEVEL	SUBMERSIBLE WATERPROOF RATING IP-67
		DIMENSIONS	158.3mm x 61mm x 57mm (6.23" x 2.40" x 2.24")
		WEIGHT	250g (0.55 lb)

## FEATURES

- › HANDHELD THERMAL MONOCULAR CAMERA
- › 160X120 PIXELS RESOLUTION, HIGH SENSITIVITY DETECTOR
- › BUILT-IN RECHARGEABLE LITHIUM BATTERY
- › WI-FI HOT SPOT
- › ZOOM MAGNIFICATION FROM 0.6X TO 2.4X
- › 8GB INTERNAL MEMORY
- › WATERPROOF UP TO 3.3FT DEPTH
- › PHOTO AND VIDEO RECORDING FUNCTION

DETECTION RANGE (STANDARD CAR SIZE)	559 M 1833.9 FT
DETECTION RANGE (AVERAGE HUMAN SIZE)	200 M 656.1 FT
RECOGNITION RANGE (STANDARD CAR SIZE)	140 M 459.3 FT
RECOGNITION RANGE (AVERAGE HUMAN SIZE)	46 M 150.9 FT
IDENTIFICATION RANGE (STANDARD CAR SIZE)	70 M 229.6 FT
IDENTIFICATION RANGE (AVERAGE HUMAN SIZE)	23 M 75.4 FT
WEIGHT (GR/OZ)	250 GR 8.81 OZ
LENGTH	158,3 MM 6.23"

## THE THERMAL EXCELLENCE

While being very competitively priced, our #7953 model is among the most versatile of the market. It lets you choose between 4 different palettes, it comes with a photo/video recording function and it is also able to transfer the thermal images via Wi-Fi, so that you can see them live on your cellphone if you want. And, having a 0.6x-2.4x zoom system and a bigger display with enhanced field of view, this unit dramatically outperforms the competition from an optical standpoint as well.

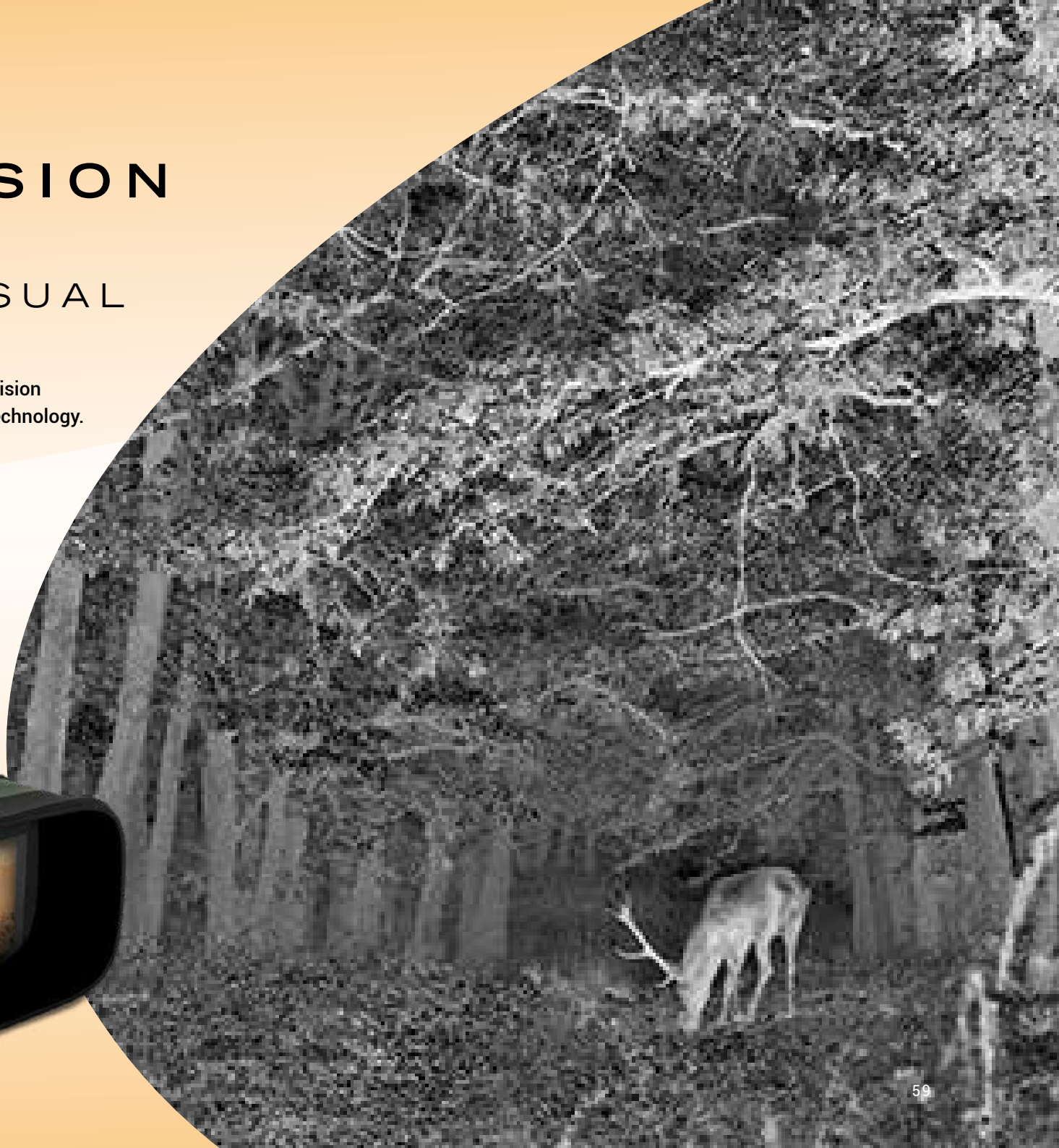


# KONUS NIGHT VISION SYSTEMS

## STUNNING VISUAL QUALITY

Konus puts at your disposal multiple night vision device with the most sophisticated digital technology.

They will enable you to clearly see in total darkness, while also being perfectly suited for daytime use.





BUILT-IN  
FLASHLIGHT



#7940 1.5x-12x ZOOM

## FEATURES

- › 1.5X MAGNIFICATION POWER W/1X-8X DIGITAL ZOOM
- › BUILT-IN IR ILLUMINATOR
- › PHOTO AND VIDEO RECORDING FUNCTION
- › 4K IMAGE RESOLUTION WITH ULTRA-HD ENHANCEMENT
- › TWO BUILT-IN RECHARGEABLE LITHIUM BATTERIES
- › BUILT-IN FLASHLIGHT WITH NORMAL AND FLASHING MODE
- › SUPPLIED WITH USB CABLE AND 8GB SD-CARD
- › DAYTIME AND NIGHTTIME USE
- › WORKING DISTANCE IS 400 METERS OR 450 YARDS
- › TRIPOD ATTACHMENT
- › DAYLIGHT VISION FILTER
- › SOFTWARE IN 14 LANGUAGES

CODE	7940
MODEL	KONUSPY-19
TYPE	NIGHT VISION BINOCULAR
MAGNIFICATION	1.5X - 12X DIGITAL ZOOM
OBJECTIVE Ø	25 MM
FIELD OF VIEW AT 1000M/YDS	175M 574.1 FT
MAXIMUM DISTANCE OF OBSERVATION	400 M 450 YDS
WEIGHT GR/OZ	775 G 27.33 OZ
TRIPOD ADAPTABLE	YES

## NIGHT VISION BINOCULAR WITH ULTRA-HD TECHNOLOGY

Engineered with the most advanced electro-optical sensors, this model provides breathtaking images with true High-Definition brightness, contrast and resolution. This kind of visual quality is unprecedented in the Night Vision category and makes this device an ideal choice for demanding professionals that need to excel in a totally dark environment. Other remarkable features are also included, such as an especially generous 1.5x-12x zoom power, a flashlight and a photo/video recording function.



#7938 1x-8x ZOOM



## FEATURES

- › DIGITAL NIGHT VISION BINOCULAR 1X - 8X ZOOM
- › PHOTO AND VIDEO RECORDING FUNCTION
- › SUPPLIED WITH A/V CABLE, USB CABLE AND 8GB SD-CARD FOR IMAGE STORING PURPOSES
- › STRAP AND CASE INCLUDED
- › WORKS WITH A 18650 RECHARGEABLE BATTERY
- › IMAGE RESOLUTION 1920X1080
- › TRIPOD ATTACHMENT
- › DAYTIME AND NIGHTTIME USE

CODE	7938
MODEL	KONUSPY-17
TYPE	NIGHT VISION BINOCULAR
MAGNIFICATION	1X - 8X DIGITAL ZOOM
OBJECTIVE Ø	25 MM
FIELD OF VIEW AT 1000M/YDS	175M 574.1 FT
MAXIMUM DISTANCE OF OBSERVATION	300 M 330 YDS
WEIGHT GR/OZ	300 G 10.5 OZ
TRIPOD ADAPTABLE	YES

## SUPREMELY AFFORDABLE NIGHT VISION BINOCULAR

The especially complex technology of Night Vision optics has never been so accessible, especially in the case of a binocular version. This unit will replicate the visual performance of much more professional models at a fraction of their cost, while also putting at your disposal plenty of other exciting features. Its most remarkable asset is certainly the photo and video recording function, which is extremely useful for surveillance purposes.

# KONUSPY-11



#7932 3x-4.5x-6x ZOOM

## FEATURES

- › 3X- 4.5X - 6X MAGNIFICATION POWER WITH DIGITAL ZOOM
- › PHOTO AND VIDEO RECORDING FUNCTION
- › SUPPLIED WITH A/V CABLE, USB CABLE AND 8GB SD-CARD FOR IMAGE STORING PURPOSES
- › STRAP AND CASE INCLUDED
- › RUBBER COVERED BODY
- › TRIPOD ATTACHMENT
- › DAYTIME AND NIGHTTIME USE
- › DAYLIGHT VISION FILTER
- › BUILT-IN ILLUMINATOR FOR TOTAL DARKNESS
- › WORKING DISTANCE: 300 M - 330 YDS

CODE	7932
MODEL	KONUSPY-11
TYPE	DIGITAL NIGHT VISION BINOCULAR
MAGNIFICATION	3X-4.5X-6X ZOOM
OBJECTIVE Ø	32 MM
FIELD OF VIEW AT 1000M/YDS	92 M 301.8 FT
MAXIMUM DISTANCE OF OBSERVATION	300 M 330 YDS
WEIGHT GR/OZ	430 GR 15.1 OZ
TRIPOD ADAPTABLE	YES

## SUPER COMPACT NIGHT VISION BINOCULAR

The reduced dimensions (7"x5.5" or 18x13.5cm) and weight (18oz or 520 gr) of this digital Night Vision binocular are unparalleled in its entire category and make for an extremely compact and portable unit. Suitable for both daytime and nighttime use, it comes with 3x-4.5x-6x zoom power and with an internal SD card for taking pictures and recording videos.





# KONUSPY-18



#7939 6x-36x ZOOM

## FEATURES

- › 6X-12X-18X POWER WITH 2X DIGITAL ZOOM
- › DAYTIME AND NIGHTTIME USE
- › BUILT-IN ILLUMINATOR FOR TOTAL DARKNESS
- › 3 PALETTES: COLOR-BLACK/WHITE-GREEN
- › PHOTO AND VIDEO RECORDING FUNCTION
- › DIGITAL CROSSHAIR FOR RANGE-FINDING PURPOSES
- › AUTO SHUT-OFF
- › IMAGE RESOLUTION: 1920X1080
- › SUPPLIED WITH USB CABLE AND 8GB SD-CARD
- › TRIPOD ATTACHMENT

CODE	7939
MODEL	KONUSPY-18
TYPE	DIGITAL NIGHT VISION MONOCULAR
MAGNIFICATION	6X-36X ZOOM
OBJECTIVE Ø	32 MM
FIELD OF VIEW AT 1000M/YDS	87.5 M 287 FT
MAXIMUM DISTANCE OF OBSERVATION	400 M 450 YDS
WEIGHT GR/OZ	290 GR 10.22 OZ
TRIPOD ADAPTABLE	YES

## THE MOST POWERFUL NIGHT VISION MONOCULAR

This digital monocular will dramatically outperform any competing model in terms of power. Its zoom system is able to generate a tremendous 6x-36x magnification, which is unprecedented in the Night Vision industry. Other notable features include a built-in illuminator for total darkness and an internal SD card for taking pictures and recording videos.

# KONUSPY-14



#7935 1x-5x ZOOM

## FEATURES

- › NIGHT VISION MONOCULAR
- › 1X-5X ZOOM MAGNIFICATION POWER
- › BUILT-IN IR ILLUMINATOR WITH 7 BRIGHTNESS LEVELS
- › PHOTO AND VIDEO RECORDING FUNCTION
- › IMAGE RESOLUTION 1920X1080
- › SUPPLIED WITH USB CABLE AND 8GB SD CARD FOR IMAGE STORING PURPOSES
- › WORKS WITH 5 AA BATTERIES 1.5V (INCLUDED)

CODE	7935
MODEL	KONUSPY-14
TYPE	DIGITAL NIGHT VISION MONOCULAR
MAGNIFICATION	1X-5X
OBJECTIVE Ø	28 MM
FIELD OF VIEW AT 1000M/YDS	33.3 M 109.2 FT
MAXIMUM DISTANCE OF OBSERVATION	300 M 330 YDS
WEIGHT GR/OZ	186.5 GR 6.58 OZ
TRIPOD ADAPTABLE	YES

## POCKET-SIZED NIGHT VISION MONOCULAR

The dimensions (16x5x6,5cm - 6.2"x1.9"x2.5") and weight (186.5gr - 6.58oz) of this unit are nothing short of incredible, considering the array of features that are packed into such a compact size: daytime and nighttime vision, 1x-5x zoom system, IR illuminator for total darkness and photo/video recording function. All of this at a price that is simply unheard of.

# UNIVERSAL SMARTPHONE ADAPTER



#1303

## FEATURES

- › SUPREMELY VERSATILE
- › EASY TO USE
- › LIGHTWEIGHT
- › FITS ANY GIVEN SMARTPHONE MODEL

## UNIVERSAL SMARTPHONE ADAPTER

Enables you to connect your Smartphone to telescopes, microscopes, binoculars, spotting scopes and other optical instruments for taking pictures and recording videos.

# TRIPODS



#1960 3-POD-10



## FEATURES

### #1960 3-POD 10

- › HEIGHT 2.29 FT - 5.97 FT (70 - 182 CM)
- › WEIGHT 3.74 LBS - 1.7 KG
- › 3 SECTIONS
- › WITH CARRYING CASE
- › TWO LEVEL BUBBLES
- › QUICK RELEASE PLATFORM
- › ANTI-SLIPPING SPIKED FEET

## PROFESSIONAL PHOTOGRAPHIC TRIPODS

A sturdy and dependable tripod is an invaluable companion for every spotting scope and binoculars.

Our photographic models come with enhanced resistance and carrying capability, heavy duty legs, quick release mounting system and level bubble.



#1956 3-POD-6



## FEATURES

### #1956 3-POD 6

- › 3 SECTIONS
- › WITH CARRYING CASE
- › WITH LEVEL BUBBLE
- › HEIGHT 165 (5.4FT) - WEIGHT 0.9KG (31.7 OZ)
- › TRIPOD HOOK FOR CARRYING CASE
- › 90° MOVEMENT
- › QUICK RELEASE PLATFORM





#1959 3-POD-9

## FEATURES

### #1959 3-POD 9

- › 3 SECTIONS
- › WITH CARRYING CASE
- › TWO LEVEL BUBBLES
- › 6 DIFFERENT BLOCKING POSITION FOR MAXIMUM STABILITY
- › QUICK RELEASE PLATFORM
- › HEIGHT 137 CM (4.49 FT)
- › WEIGHT 980 GR (34.5 OZ)
- › ANTI SLIPPING SPIKED FEET



#1958 3-POD-8

## FEATURES

### #1958 3-POD 8

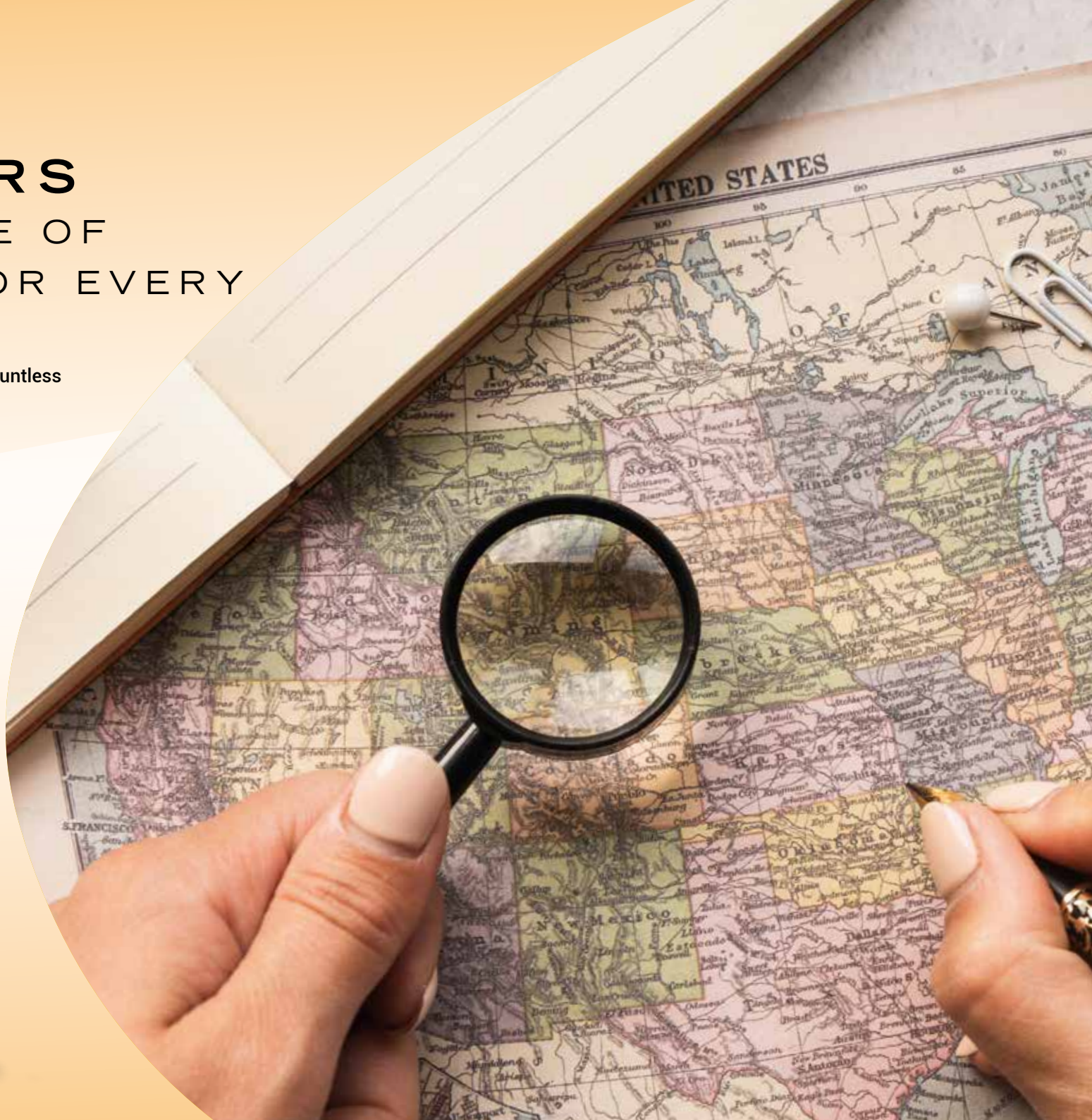
- › TABLE TRIPOD
- › HEIGHT: 7.8" - 13.7" (20 - 35 CM)
- › WEIGHT 15.5 OZ - 440 GR
- › MICROMETRIC REGULATION
- › ADJUSTABLE HEIGHT

# KONUS MAGNIFIERS

A WIDE RANGE OF  
PRODUCTS FOR EVERY  
NEED

Magnifiers are supremely useful tools for countless hobbies and professional activities.

The Konus range provides you with a wide variety of models that are guaranteed to exceed your expectations.





## FLEXO-75 • TRIO



### FEATURES

#### #3367 FLEXO-75

- › 3X-4.5X-6X DUAL MAGNIFIER WITH LIGHT
- › LENS DIAMETER 75MM
- › 0°-160° ADJUSTABLE ANGLE
- › WITH 11 LED ILLUMINATION
- › WORKS VIA USB CABLE (INCLUDED) OR WITH 3 AAA BATTERIES (NOT INCLUDED)

### POWER AND FUNCTIONALITY WITH UNIQUE DESIGN

Two magnifiers with captivating design, rechargeable LED illumination and triple magnification for enhanced versatility. The # 3367 is suitable for both hand-held and tabletop use, while generating a 3x-4.5x-6x power.

The # 3368 is an advanced hand-held model that comes with 3 interchangeable frames featuring a 37mm-75mm-90mm diameter and a 3.5x-5x-11x power.

### FEATURES

#### #3368 TRIO

- › 3.5X-5X-11X MAGNIFIER WITH LED LIGHT
- › DUAL LED LIGHT
- › WITH TWO DIFFERENT INTENSITIES
- › 3 INTERCHANGEABLE LENSES WITH DIFFERENT MAGNIFICATION
- › RECHARGEABLE WITH USB CABLE INCLUDED



# FLEXO MINI • LUX-65



**#3365 FLEXO MINI**



**#3366 LUX-65**

## FEATURES

### #3365 FLEXO MINI

- › 8X LED MAGNIFIER
- › DUAL USE: HAND-HELD OR TABLETOP
- › WORKS WITH 2 AA BATTERIES (INCLUDED)

## MAGNIFIERS FOR IN-DEPTH OBSERVATIONS

The # 3365 is a very compact model that can be either hand-held or placed on a table. It features a remarkable 8x power to go along with an highly effective illumination system. The # 3366 combines a traditional 2.5x magnifier with two smaller and significantly more powerful lenses that will give you 25x and 55x respectively. It also comes with LED illumination.

## FEATURES

### #3366 LUX-65

- › 2.5X-25X-55X MAGNIFIER WITH LED LIGHT
- › WORKS WITH 4 LR1130 OR AG10 BATTERIES (INCLUDED)





## FEATURES

- › TABLETOP MAGNIFIER WITH 3 INTERCHANGEABLE LENSES AND LED LIGHT
- › HAND-HELD MAGNIFIER WITH 3 INTERCHANGEABLE LENSES AND LED LIGHT
- › DESK LAMP WITH FLEXIBLE ARM 2X - 5X - 16X POWER
- › WORKS WITH 4 1.5 AAA BATTERIES (NOT INCLUDED) OR WITH USB CABLE (INCLUDED)

## VERSATILE TABLETOP OR HAND-HELD MAGNIFIER WITH LIGHT

This very versatile model will assist you as either as a tabletop or hand-held magnifier. It comes with 3 interchangeable lenses with 2x, 5x and 16x power, to go along with LED illumination for both the tabletop and hand-held options. It works with AAA batteries or with the USB cable that comes with the product.

# FLEXO-120



MULTIPLE LED  
LIGHTS



ADJUSTABLE  
ANGLE

**#3625 FLEXO-120**

## FEATURES

### **#3625 FLEXO-120**

- › WITH TABLETOP BASE
- › Ø120MM (4.8")
- › BIFOCAL 2X-5X MAGNIFICATION POWER
- › BATTERIES INCLUDED
- › RING LIGHTS
- › ADJUSTABLE ANGLE

## PROFESSIONAL TABLETOP MAGNIFIER

The #3625 is an excellent all-around table magnifier with generous 120mm (4.8") diameter, adjustable head and ring light.



## FEATURES

### #3362 ASPHERIC

- › 85MM DIAMETER
- › ASPHERIC LENS
- › FINGER ADJUSTABLE LED LIGHT (BALL SWITCH DESIGN)
- › 3X - 5X POWER
- › WORKS WITH 2 AAA BATTERIES (INCLUDED)

## MAGNIFIERS WITH INNOVATIVE DESIGN

Two hand magnifiers with unique LED illumination that makes them ideal for countless applications. The # 3362 has an 85mm aspheric lens with dual 3x-5x power to go along with a revolutionary finger-adjustable illuminator that will enable you to direct the light beam where it is needed most.

The # 3379 features a 90mm diameter with 2.5x power, while being made of high quality ultra-white glass.

## FEATURES

### #3379 LUX-90

- › Ø90MM.
- › 2.5X
- › LED ILLUMINATION
- › WORKS WITH 3 BATTERIES LR1130 (INCLUDED)
- › QUALITY ULTRA WHITE GLASS LENS

# READING • KONUSPOCKET



**#3364 READING**



**#3617 KONUSPOCKET**

## FEATURES

### #3364 READING

- › 9CM/3.5" DIAMETER
- › 4 BRIGHT LED LIGHTS
- › 2.5X POWER
- › IDEAL FOR READING
- › WORKS WITH 2 CR2016 BATTERIES (INCLUDED)

## ADVANCED READING MAGNIFIERS

The #3364 magnifier is notable for its 2.5x power and its innovative design with 4 LED light that will generate an excellent illumination for an ideal reading experience. The #3617 is a super lightweight and handy set of reading glasses that you can easily carry in your pocket. Available with +1.5 and +2.5 power.

## FEATURES

### #3617 KONUSPOCKET

- › POCKET READING GLASSES
- › SET 6 PCS WITH:
  - 3 PCS WITH +1.5 POWER
  - 3 PCS WITH +2.5 POWER





## FEATURES

### #3363 DUAL

- › RECHARGEABLE VIA USB CABLE (INCLUDED)
- › RETRACTABLE LENSES WITH 3X AND 6X POWER
- › LED ILLUMINATION
- › DURATION OF CHARGE: 5 HRS

## ALL-PURPOSE COMPACT MAGNIFIERS

The #3363 is a 3x-6x magnifier that features a sleek design with two retractable lenses and double led illumination. It works with a rechargeable battery and it includes an USB cable for charging.

The #3026 (sold in set of 6 pcs) is a compact magnifier with 3 individual lenses that generate 10x, 20x and 30x power. It also comes with LED illumination and UV light.



## FEATURES

### #3026 QUICKLENS-3

- › SET 6 PCS.
- › LED LIGHT ILLUMINATION
- › UV-LIGHT
- › 10X-20X-30X POWER
- › WORKS WITH 3 IR1730 BATTERIES (INCLUDED)

## LUX-50 • TRILED



**#3376 LUX-50**



**#3374 TRILED**

### FEATURES

#### **#3376 LUX-50**

- › SET 12 PCS.
- › Ø50MM. (1.9")
- › 2.5X-5X MAGNIFICATION POWER
- › SUPPLIED WITHOUT BATTERIES
- › WITH ILLUMINATION

### POWERFUL AND HANDY

Pocket magnifiers are incomparably useful tools that you may want to carry with you everywhere. These models also come with illumination for enhanced versatility.

### FEATURES

#### **#3374 TRILED**

- › 2X MAGNIFICATION POWER
- › 14.5X5.8CM (5.7"X2.2")
- › WITH 3 LED LIGHTS
- › 2 LITHIUM BATTERIES CR2016 INCLUDED
- › CASE INCLUDED



**#3021**



**#3025**

## FEATURES

### #3021

- › SET 6 PCS
- › LINEN TESTER WITH DUAL LENS
- › 10X AND 20X POWER

## PLENTY OF SIZES AND OPTIONS

Linen-testers are an invaluable tool that can be used every time a high-precision workmanship and craftsmanship are needed, for example in the textile industry, in the printing industry or in the industry of micro-mechanics.

## FEATURES

### #3025

- › SET 6 PCS
- › 10X
- › LINEN TESTER WITH ILLUMINATION
- › LED LIGHT
- › BATTERIES INCLUDED (2 LR1130)

# LINEN TESTERS



## FEATURES

### #3056

- › 55X50MM (2.2"X2")
- › 6X
- › WITH MEASUREMENT SCREW
- › LED ILLUMINATION
- › BATTERIES INCLUDED
- › CASE INCLUDED
- › METAL BODY

## PLENTY OF SIZES AND OPTIONS

Our assortment of linen testers is very broad and complete, including some special models like the # 3056 and #3058 that also feature the illumination with LED light as an added bonus.

## FEATURES

### #3058

- › 25X25MM (1"X1")
- › 5X
- › LED ILLUMINATION (2 LR927)
- › BATTERIES INCLUDED
- › SPRUNG CONSTRUCTION
- › ABS BODY





**#3044**



**#3051**

## FEATURES

### **#3044**

- › 25X25MM (1"X1")
- › 5X
- › METAL BODY

## PLENTY OF SIZES AND OPTIONS

Fully made of metal, these linen testers are an ideal option for plenty of professional activities. The # 3044 has 5x power with 25x25mm size, while the # 3051 has 6x power with 15x15mm size.

## FEATURES

### **#3051**

- › 15X15MM (0.59"X0.59")
- › 6X
- › METAL BODY

# DIGITAL METEO STATIONS

DIGITAL THERMOMETER



#6190 METEOMAX

THERMOMETER WITH  
DIGITAL CLOCK



#6129 INDOOR

## FEATURES

### #6190

- › DIGITAL THERMOMETER
- › TIMER, SNOOZE
- › NINE SONGS MUSIC
- › BIRTHDAY REMINDER
- › LCD ALARM CLOCK WITH CALENDAR
- › DIMENSIONS: 22.8X18.5X2.7CM.

## DIGITAL METEO STATIONS

These weather stations stand out because of their innovative and modern design, highly readable display and wide array of functions. They are an ideal addition to the furniture of your home or office and will impress everybody with their class and elegance. They can be placed on top of your desk or they can be hung on the wall.

## FEATURES

### #6129

- › SET 8 PCS.
- › TABLE CLOCK
- › WORKS WITH TWO BATTERIES (NOT INCLUDED).
- › THERMOMETER: (°C -30° +50° °F -20° +120°)
- › DIMENSIONS 7X10.5 CM (2.7"X4.1")

# TRADITIONAL THERMOS



MADE IN ITALY

**#6208 THERMO  
CLASSIC**



**#6369 INDOOR**



**#6377 AZZURRO-2**



MADE IN ITALY

## FEATURES

### #6208

- › SET 4 PCS
- › DIAMETER Ø 23CM (9")
- › 4 ASSORTED DESIGNS

### #6369

- › SET 3PCS.
- › THERMOMETER: (°C -20° +50°)
- › QUARTZ CLOCK
- › HYGROMETER
- › WORKS WITH TWO BATTERIES 1.5V (NOT INCLUDED)
- › DIMENSIONS: 9X19 CM (3.6"X7.6")

### #6377

- › THERMOMETER: (C° -30° +70 / F° -20 +160)
- › BAROMETER: (MM. BAR/H PASCAL)
- › DIMENSIONS: 20X32.5 CM (7.9"X12.8")
- › WOODEN BODY
- › MADE IN ITALY

# KONUSFLASH



HAND-WAVING SENSOR MODE



#3924 KONUSFLASH 7



RED LIGHT



ADJUSTABLE ANGLE



#3927 KONUSFLASH 6

## FEATURES

### #3924 KONUSFLASH 7

- › RECHARGEABLE FLASHLIGHT WITH 236 LUMEN OUTPUT AND HEADBAND
- › XPG LED
- › SENSOR MODE: THE LIGHT CAN BE TURNED ON/OFF BY SIMPLY WAVING YOUR HAND IN FRONT OF IT
- › BUILT-IN 800MAH LITHIUM BATTERY
- › 4 FLASHLIGHT MODES: - HIGH - LOW - STROBE - RED STROBE
- › WATERPROOF
- › TIME FOR RECHARGING: 2 HOURS

## SUPREMELY VERSATILE HEADLIGHTS

Head torches are truly indispensable tools for serious outdoorsmen that are in need of hands-free illumination. The # 3924 is a rechargeable model with high power and is especially notable for its sensor mode, which enables you to turn the light on/off by simply waving your hand in front of it. The # 3927 is a super lightweight option with a fully adjustable angle and 4 operating modes.

## FEATURES

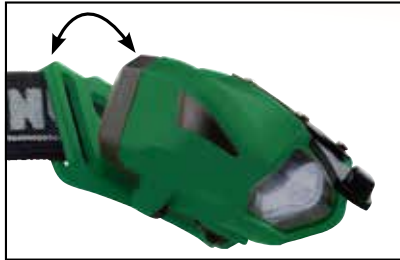
### #3927 KONUSFLASH-6

- › USB RECHARGEABLE FLASHLIGHT WITH HEADBAND
- › 2 W POWER
- › 100 LUMEN MAXIMUM OUTPUT
- › BUILT-IN 3.78V LITHIUM BATTERY
- › 180° ADJUSTABLE ANGLE
- › INCLUDES USB CABLE
- › 4 MODES: HIGH 100 - LOW 50% - DOUBLE RED LIGHT - FLASHING RED LIGHT



# KONUSFLASH 5 - KONUSCAP

ADJUSTABLE  
ANGLE



#3926 KONUSFLASH 5



#3911 KONUSCAP

## FEATURES

### #3926 KONUSFLASH 5

- › 1W POWER
- › 60 LUMEN MAXIMUM OUTPUT
- › COMFORTABLE HEADBAND
- › WORKS WITH 1 AA BATTERY (INCLUDED)
- › 45° ADJUSTABLE ANGLE
- › 4 MODES: HIGH 100% - LOW 50% - RED LIGHT - RED FLASHING LIGHT

## MULTI-PURPOSE HEADLIGHTS

The # 3926 is an affordable model with reduced weight for maximum comfort.  
The # 3911 is a truly revolutionary concept that combines super compact size and unparalleled ease of use.

## FEATURES

### #3911 KONUSCAP

- › SET 6 PCS
- › 3 ULTRA BRIGHT LEDS
- › BATTERY LIFE: 50 HOURS
- › WEIGHT (INCLUDING BATTERY) 15G/0.53 OZ
- › 0.5W POWER
- › 18 LUMENS
- › WORKS WITH 2 2032 LITHIUM COIN CELL BATTERIES (INCLUDED)

# KONUSLIGHT 5K



## FEATURES

- › RECHARGEABLE FLASHLIGHT WITH 2500 LUMEN OUTPUT AND 5000 LUMEN TURBO MODE
- › FULL METAL BODY
- › WORKS WITH ONE 20650 RECHARGEABLE BATTERY (INCLUDED)
- › 4 BRIGHTNESS LEVELS: HIGH (2500 LUMENS) - INTERMEDIATE (1000 LUMENS) - LOW (125 LUMENS) - TURBO MODE (5000 LUMENS)
- › ZOOM FUNCTION
- › WATERPROOF
- › USB CHARGING CABLE INCLUDED
- › WEIGHT: 300G-10.5OZ

## WATERPROOF FLASHLIGHTS WITH TURBO POWER

Konus is proud to introduce some rechargeable models that are able to generate a truly unbelievable light output in spite of their very compact size. Their key feature is the revolutionary Turbo Mode, which instantly provides maximum power when it is needed most and minimizes the battery consumption in the process.

The # 3933 has a base output of 2500 lumens and a 5000 lumen Turbo Mode, while also coming with a handy zoom function.



LANTERN  
MODE

MAGNETIC BASE

#3934 KONUSLIGHT-RT

## FEATURES

- › RECHARGEABLE FLASHLIGHT WITH 1500 LUMEN OUTPUT AND 2500 LUMEN TURBO MODE
- › FULL METAL BODY
- › WORKS WITH ONE 20650 RECHARGEABLE BATTERY (INCLUDED)
- › 3 BRIGHTNESS LEVELS: HIGH (1500 LUMENS) - LOW (500 LUMENS) - TURBO MODE (2500 LUMENS)
- › STROBE AND S.O.S. FUNCTIONS
- › WATERPROOF
- › LANTERN MODE WITH ROTATABLE HEAD
- › STRONG MAGNETIC BASE AND METAL CLIP
- › USB CHARGING CABLE INCLUDED
- › WEIGHT: 220G-7.77OZ

## WATERPROOF FLASHLIGHTS WITH TURBO POWER

Konus is proud to introduce some rechargeable models that are able to generate a truly unbelievable light output in spite of their very compact size. Their key feature is the revolutionary Turbo Mode, which instantly provides maximum power when it is needed most and minimizes the battery consumption in the process.

The # 3934 has a base output of 1500 lumens and a 2500 lumen Turbo Mode, while also doubling as a lantern by virtue of its rotatable head and magnetic base.



LANTERN  
MODE



**#3930 KONUSLIGHT 2K**



**#3931 KONUSLIGHT RC-7**

## FEATURES

### #3930 KONUSLIGHT 2K

- › RECHARGEABLE FLASHLIGHT WITH 1000 LUMEN OUTPUT AND 2000 LUMENS TURBO MODE
- › RECHARGEABLE LANTERN WITH 500 LUMENS OUTPUT
- › WITH STRONG MAGNETIC BASE AND METAL CLIP
- › BUILT-IN 18650 LITHIUM BATTERY
- › 4 FLASHLIGHT MODES: 100% - 20% - STROBE - TURBO
- › 2 LANTERN MODE: 100% - 20%
- › USB CABLE INCLUDED

## HIGH LUMEN FLASHLIGHTS

These rechargeable models will provide you with all the power you need and then some.

The #3930 has a base output of 1000 lumens and an amazing 2000 lumen turbo mode, not to mention that it can also be used as a lantern.

The #3931 has a 1200 lumen output instead, while also featuring a zoom function with intensity adjustment.

## FEATURES

### #3931 KONUSLIGHT RC-7

- › RECHARGEABLE TACTICAL FLASHLIGHT
- › 1200 LUMEN OUTPUT WITH ZOOM FUNCTION
- › FULL METAL BODY
- › BUILT-IN 18650 LITHIUM BATTERY (RECHARGEABLE)
- › INTENSITY ADJUSTMENT OPERATED VIA DIMMER SWITCH
- › 4 MODES: HIGH - LOW - STROBE - SOS
- › USB CABLE INCLUDED





**#3928 KONUSLIGHT RC-5**



**#3920 KONUSLIGHT 8**

## FEATURES

### #3928 KONUSLIGHT RC-5

- › RECHARGEABLE TORCH WITH USB CABLE INCLUDED
- › ULTRA BRIGHT LED
- › 800 LUMEN OUTPUT
- › CLIP AND MAGNETIC BASE
- › RECHARGEABLE LITHIUM BATTERY 3.7V
- › USB CHARGER INCLUDED
- › ZOOM FUNCTION
- › FULL METAL BODY
- › 5 MODES: 100% LIGHT - 50% LIGHT - 25% LIGHT - FLASHING - S.O.S.

## COMPACT AND PORTABLE FLASHLIGHTS

The # 3928 is a rechargeable model with an extremely compact and portable body (5'2" or 13 cm long) that is fully made of metal and packs an impressive 800 lumen output. It comes with a zoom function and 5 different modes (including S.O.S. and flashing). It also features a magnetic base for enhanced versatility.

The # 3920 is an affordable model with 120 lumen output that is especially notable for its sleek design and its zoom capability.

## FEATURES

### #3920 KONUSLIGHT 8

- › SET 6 PCS.
- › 120 LUMENS
- › 3 WATT
- › LENGTH CM 15.5/6.1"
- › ZOOM FUNCTION
- › ALUMINUM BODY
- › CREE XPE LED TECHNOLOGY
- › WORKS WITH 2 AA BATTERIES (INCLUDED)
- › 2 SELECTABLE INTENSITIES + FLASHING FUNCTION

# KARDIO BIKE • PULSE



**#4313 KARDIO BIKE**

**#4315 PULSE**

## FEATURES

### #4313 KARDIO BIKE

- › 12/24 HOURS
- › REAL TIME
- › TRIP METER
- › ODOMETER
- › AVERAGE SPEED
- › MAXIMUM SPEED
- › SPEED COMPARISON
- › AUTO RIDE TIME
- › WHEEL SIZE SETTING
- › SCAN FUNCTION
- › HEART RATE
- › AVERAGE HEART RATE- 3 TARGET ZONE
- › CALORIES COUNTING
- › ENERGY SAVE FUNCTION
- › MOUNTING SYSTEM FOR BIKES

## PLENTY OF FUNCTIONS FOR THE AVID SPORTSMEN

A line of professional instruments that help you monitoring your hearbeat, thus maximizing your cardio and fitness training. The # 4315 is finger operated, while the # 4313 is especially designed for cycling and comes with a bike attachment and with plenty of other functions for measuring your speed, distance, calories and so forth.

## FEATURES

### #4315 PULSE

- › SET 6 PCS.
- › STOPWATCH
- › DIGITAL PULSEMETER (FOR MONITORING THE HEARTBEAT)
- › IN TWO COLORS
- › CLOCK FUNCTION



#4319 ZIPPY-9



#4261 MEMOX-10

## FEATURES

### #4319 ZIPPY-9

- › SET 6 PCS.
- › PEDOMETER
- › STEP COUNTER
- › DISTANCE MEASUREMENT
- › CALORIE CONSUMPTION
- › METRIC AND IMPERIAL SYSTEM
- › AUTO-SHUT OFF

## ESSENTIAL SPORT INSTRUMENTS

The # 4319 is an ergonomic and edgy-looking pedometer with calorie counting function that will prove to be an invaluable companion for your training.

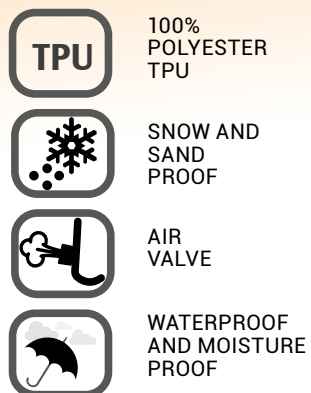
The # 4261 is a professional stopwatch that will assist you well while you are trying to beat the world record or just your personal best.

## FEATURES

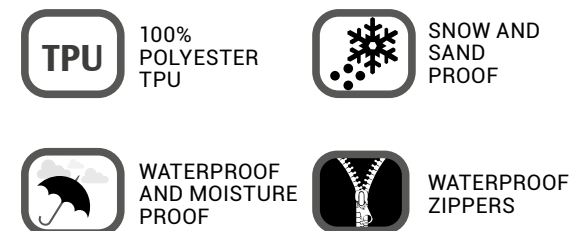
### #4261 MEMOX-10

- › SET 6 PCS.
- › CURRENT TIME
- › ALARM
- › PACE MODE
- › DUAL TIME
- › COUNTDOWN
- › CHRONOGRAPH
- › 10 MEMORIES
- › BATTERY INCLUDED

# KAewa DRYBAGS & BACKPACKS



#0016 KAEWA-60



#0021 KAEWA-20



## FEATURES

### #0016 KAEWA-60

- › AIR RELEASE VALVE
- › ADJUSTABLE SHOULDER STRAP
- › CARRY-HANDLE
- › SOFT, SUPPLE EXTERIOR, EASY TO FOLD
- › TPU LAMINATED POLYESTER
- › HIGH SHEAR & ABRASION RESISTANT
- › UV RESISTANT
- › OIL, GREASE AND CHEMICAL RESISTANT
- › MOISTURE & WATERPROOF (SUBMERSIBLE)
- › CAPACITY: 3,660 CUBIC INCHES (60 LITERS)
- › DIMENSIONS: 32"X11.5"X11.5" (80X30X30 CM)
- › WEIGHT: 17.5OZ - 496GR.

## LARGE DRYBAGS WITH AIR VALVE & WATERPROOF

Nothing can ruin a trip faster than a waterlogged phone or a sand-filled computer. Whether you're enjoying a day on the water, camping with friends, or out on a hunt, valuables can easily be damaged. The Kaewa drybags and backpacks are designed to protect all your gear from the elements. Manufactured from 600-denier TPU, this unique fabric is rugged and durable.

## FEATURES

### #0021 KAEWA-20

- › AIR RELEASE VALVE
- › ADJUSTABLE SHOULDER STRAP
- › CARRY-HANDLE
- › SOFT, SUPPLE EXTERIOR, EASY TO FOLD
- › TPU LAMINATED POLYESTER
- › HIGH SHEAR & ABRASION RESISTANT
- › UV RESISTANT
- › OIL, GREASE AND CHEMICAL RESISTANT
- › MOISTURE & WATERPROOF (SUBMERSIBLE)
- › CAPACITY: 3,660 CUBIC INCHES (60 LITERS)
- › DIMENSIONS: 32"X11.5"X11.5" (80X30X30 CM)
- › WEIGHT: 17.5OZ - 496GR.



# KONUS BATTERIES



## #3853 LR6 ALKALINE AA

BLISTER OF  
4 BATTERIES



## #3849 NICKEL AA RECHARGEABLE

SET 4 RECHARGEABLE  
BATTERIES AA TYPE 1300  
MAH WITH BATTERY  
CHARGER (ALSO SUITABLE  
FOR AAA RECHARGEABLE  
BATTERIES) AND MICRO  
USB CABLE.



## #3848 CR1620 LITHIUM CELL

SET 10  
BLISTER OF  
1 BATTERY



## #3846 AA 2600 mAh RECHARGEABLE

RECHARGEABLE  
BLISTER OF  
2 BATTERIES



## #3854 LR03 ALKALINE AAA

BLISTER OF  
4 BATTERIES



## #3851 CR2 CR17355 LITHIUM 3V

BLISTER OF  
1 BATTERY



## #3850 CR123A CR17345 LITHIUM 3V

BLISTER OF  
1 BATTERY



## #3847 AAA 950 mAh RECHARGEABLE

RECHARGEABLE  
BLISTER OF 4  
BATTERIES



## #3857 6LF22 ALKALINE 9V TRANSISTOR

BLISTER OF  
1 BATTERY



## #3859 CR2025 LITHIUM 3V

MULTIBLISTER OF  
5 BATTERIES



## #3860 CR2032 LITHIUM 3V

MULTIBLISTER OF  
5 BATTERIES

## A COMPREHENSIVE RANGE FOR EVERY NECESSITY

As an additional service to our customers, Konus is now offering a wide assortment of batteries that are at the same time long lasting and environmentally friendly. The models in our range will fit any camera, flashlight, MP3 reader, remote control, electronic equipment and so forth.

# PROMOTIONAL MATERIAL



**#2994**

BACKPACK WITH  
THREE POCKETS  
39x29x10 CM  
15.3"x11.4"x13.9"



**#2990**

BACKPACK LIVELY  
WITH POCKET  
41x31x10 CM  
16.1"x12.2"x3.9"



**#2999 YELLOW**

YELLOW BAG  
WITH POCKET  
33x30x10 CM  
12.9"x11.8"x3.9"

**#2947**

ADHESIVE FOR  
WINDOW  
"AUTHORIZED DEALER"



KONUS STICKER  
1000X230MM • 39.3"x9.05"



**#2961**

BINOCULARS DISPLAY

## MERCHANDISING FOR THE POINT OF SALE

Knowing that the presentation of an article is pivotal to maximize its potential and its selling chances, Konus has developed some unique and eye-catching displays, banners and counters for our main lines of products. Some of these merchandising materials are also intended as an informative tool, bearing a lot of technical data that are therefore made readily available for customers. All of these materials are offered for free as a part of special promotions, provided that some minimum purchase requirements are met: check your local Customer Service for more information.

# BINOCULARS & SPOTTING SCOPES

## TECHNICAL FEATURES

### MAGNIFICATION:

This is the number of times that an object is being enlarged while looking at it through a binocular/spotting scope. For example, an object that is 100 yards away will appear like it is 5 yards away if it is observed with a 20x instrument .  
( $100 : 20 = 5$ ).



### OBJECTIVE LENS DIAMETER:

This diameter affects the light gathering capability of the instrument. The larger the diameter, the better the luminosity and the brightness of the image.

### EXIT PUPIL:

this is the size of the circle of light that is visible at the eyepiece of a binocular/spotting scope. The larger the exit pupil, the brighter the image especially in low light conditions such as at dusk or dawn. It is calculated by dividing the diameter of the objective lens by the power of the instrument: for example it will be 5mm in a 8x40 binocular ( $40 : 8 = 5$ ).

### FIELD OF VIEW:

this is the side-to-side measurement of the observed area. It is defined by the width in feet or meters of the area that is visible at 1000 yards/meters. The higher the magnification power, the narrower the field of view, unless the binocular/spotting scope features a "wide angle" construction that helps maximize the observed area.



### EYE RELIEF:

this is the distance a binocular/spotting scope can be held away from the eye and still maintain the full field of view. Long eye relief optics reduce eyestrain and are much more comfortable, especially for eyeglass wearers

### TYPE OF PRISMS:

optical prisms are made from either barium-crown glass (BAK-4) or borosilicate glass (BK-7). The BAK-4 prisms are of better quality and therefore provide brighter images and higher sharpness.

### DIOPTER ADJUSTMENT:

some binoculars come with a ring for fine-focus regulation that is usually provided around one eyepiece. This ring allows to compensate for vision differences between the right and left eye of the observer.

### WATERPROOF:

the most professional binoculars and spotting scopes also offer the additional advantage of being waterproof, due to their special construction featuring a sealed and nitrogen purged body. These models can withstand complete immersion in water and can be exposed to the most hazardous weather conditions such as rain, fog and snow.

### TYPE OF COATING

the surfaces of the lenses and prisms are coated to improve the light transmission and reduce glare, thus obtaining a brighter image with higher contrast and less eyestrain. There are 4 types of coating:

- Coated: a single layer on at least one lens surface
- Fully coated: a single layer on all air-to-glass lens surfaces
- Multi-coated: multiple layers on at least one lens surface
- Fully multi-coated: multiple layer on all air-to-glass lens surfaces

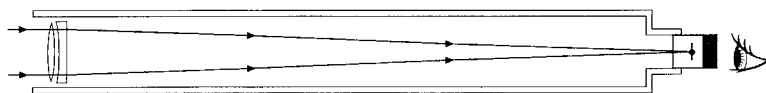
### PHASE COATING:

This advanced coating technique will force the light beams back into phase, thus improving the image definition and contrast and creating a sharper view, especially noticeable when observing fine details.

### SILVER MIRROR COATING:

This incomparable technique will treat the internal prisms of the instrument to a special and highly reflective type of coating, by applying very thin layers of the finest silver material. The results in terms of resolution, brilliance and optical performance will be simply unparalleled, with a light transmission as high as 98%.

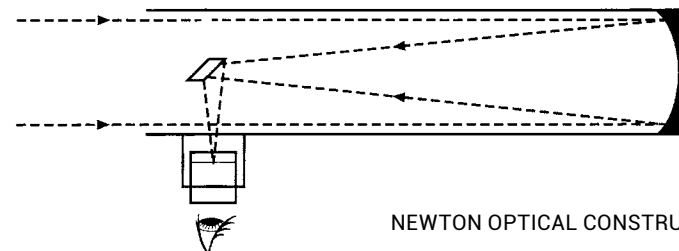
USE FORESEEN	SUGGESTED MODEL
TERRESTRIAL VIEW OBSERVATION OF PLANET AND STARS	REFRACTOR
OBSERVATIONS OF GALAXIES NEBULAE, DEEP SKY OBJECTS	NEWTONIAN
PHOTOGRAPHIC OBSERVATIONS	NEWTONIANS WITH MOTOR
KIDS AND ASTRONOMY BEGINNERS	KONUSPACE - KONUSTART TELESCOPES



REFRACTOR OPTICAL CONSTRUCTION

## REFRACTOR

This is a telescope constructed with a Galilean lens system. These telescopes are able to produce images with a greater degree of detail and contrast and are, therefore, particularly suited for observing astronomical objects like the stars and planets. They are also used for terrestrial observation.



NEWTON OPTICAL CONSTRUCTION

## REFLECTOR OR NEWTONIAN

This is a telescope constructed with a Newtonian mirror system. It has its main advantage in a greater luminosity which gives it the capacity to absorb light which helps in the observation of deep sky objects with low light emission. High image luminosity is also very important for astronomical photography.





## BIOLOGICAL MICROSCOPES

A biological microscope can have either a monocular or a binocular head. This microscope provides high magnifications and is therefore suited to observe specimens or sections of organs and tissues, placed on a transparent slide that is illuminated through a mirror or with a transmitted light illuminator.



## STEREOSCOPICAL MICROSCOPES

A stereoscopy microscope is a binocular or trinocular unit and provides a tridimensional view. It is used to observe opaque objects which light does not pass through, like crystals, fossils and coins. Its magnification power is lower than a biological instrument (from 5x to 100x) and its illumination system usually works with an incidental light, although in some cases a transmitted light illuminator can be used too if you are observing transparent specimens (for example crystals).

## WHAT YOU NEED TO KNOW ABOUT MICROSCOPES

**1 - MAGNIFICATION:** The magnification at which you are observing is the result between the magnification of eyepiece and the objective. Please remember that if you increase the magnification the field of view will consequently decrease.

**2 - ILLUMINATION:** Illumination could be from incidental light, (from above) very useful in stereoscopy microscopes, or transmitted light (from below), for biological microscopes. Some models, (for example code 5420 Diamond) have double illumination, offering dual usage.

**3 - FOCUSING:** Precision focusing is very important in observations, for this reason most Konus microscopes have double focusing: macrometrical and micrometrical (or fine focusing).

**4 - ACCESSORIES:** It is important to remember that the microscope can be used with many optional accessories and connected to a camera or a CCD camera.