



**VANGUARD**

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VANGUARD

# HUNTING & OUTDOORS

PRODUCT CATALOG



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# HUNTING & OUTDOORS

PRODUCT CATALOG

# ABOUT VANGUARD

**The year was 1986.** Vanguard was a brand-new camera tripod maker with a small manufacturing facility.

The company's odds for success in a crowded market were slim, but this didn't stop a determined young woman from believing in her fledgling business. Today, Vanguard is a global company that designs and manufactures tripods, bags, sporting optics, and accessories.



# VANGUARD HUNTING

## 00 VANGUARD

ABOUT VANGUARD	2
TABLE OF CONTENTS	3
FACTORY	4
KEY FEATURES	6
GALLERY	7
NEW PRODUCTS	8

## 01 SPOTTING SCOPES

ENDEAVOR HD	12
ENDEAVOR XF	13
VEO HD	14
VESTA SPOTTING SCOPE KIT	15

## 02 BINOCULARS & MONOCULARS

ENDEAVOR ED IV	18
ENDEAVOR ED II	19
ENDEAVOR ED	20
VEO HD IV	21
VEO HD2	22
VEO HD 2 1042M	23
VEO HD	24
VEO ED	25
VEO ED 8420M	26

## 02 BINOCULARS & MONOCULARS

<b>NEW</b> VEO XF	27
VESTA	28
VESTA 8320M	29
OPTICS ACCESSORIES	30
OPTIC GUARD	31

## 03 TRIPODS

<b>NEW</b> VEO 3 AV/CV	34
VEO 3 AB/CB	38
<b>NEW</b> VEO 3 AO/CO	39
<b>NEW</b> VEO 3T/3TT	40
<b>NEW</b> VEO 3G0/3GOT	42
VEO 2 PRO	45
VESTA TB	46
VESTA	47

## 03 HEADS

<b>NEW</b> VEO PH-28/26	49
<b>NEW</b> VEO PV-20/18	49
VEO CP KIT	50
<b>NEW</b> VEO QS-360	51
<b>NEW</b> VEO LVL-60	51

## 05 SHOOTING SUPPORTS

<b>NEW</b> ENDEAVOR GM-70	53
<b>NEW</b> ENDEAVOR 303A/CGM	53
EQUALIZER	54
VEO 2	55
QUEST	56
SCOUT	57
VEO 2 WINDOW MOUNT	58
PH WINDOW MOUNTS	58
PORTA-AIM	59
ESPOD CX	59
VESTA TTI	60
VS-82	60
QUICK SHOES	61
ENDEAVOR SLINGS	62

## 00 VANGUARD

SPEC SHEET	63
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# FACTORY

Growing into a global leader since its founding in 1986, VANGUARD provides more than our competitors because we are the factory. There are no third-party factories, development or design firms, or other outsourcing of any kind in the process. More than 1,000 Vanguard employees create the products and power the brand within our robust global operation. Every step of the process is orchestrated by Vanguard's in-house R & D, production, administration, marketing, and sales teams in Vanguard-owned and controlled facilities. This enables us to ensure standout product quality and to eliminate "middle men." The result is higher value for customers, higher margins for retailers, and greater efficiency in direct communication with the manufacturer for everyone.



**TOTAL PRODUCT OWNERSHIP  
FROM IDEA TO FINISHED  
PRODUCT**

**UNMATCHED  
QUALITY CONTROL**

Vanguard founders credit our success to the people across the globe who have given supportive and valuable feedback about product features and price points over our three decades. This focus on listening to the market's needs and wants has inspired us to create products with first-of-its-kind features, notable reliability, and impressive price points. Notable industry publications and media have consistently recognized our products' quality and performance. We're privileged to have earned top honors from the Technical Image Press Association, the Red Dot Design Award, iF Design Award, the Industrial Designers Association of America, Gmark, and other respected global associations



# SPORTING OPTICS KEY FEATURES

## HOYA PREMIUM HOYA ED GLASS



Setting new standards with a rating of more than 95% light transmission, HOYA ED glass launches Vanguard optical design above the competition, ensuring brightness and clarity even in the lowest light.



## PREMIUM ED GLASS

Vanguard's Extra-low Dispersion (ED) glass significantly reduces chromatic aberrations, allowing clear, sharp viewing with high contrast.



## SK-15 PRISMS

Exceeding BAK4 prisms in image quality, SK15 minimizes undesirable internal reflections and light rays resulting in increased edge-to-edge brightness and clarity.



## MULTIGUARD® COATINGS

Vanguard's MultiGuard® coatings provide multiple layers of anti-reflective compounds resulting in optimal light transmission and producing a remarkably clear field of view.



## RAPID FOCUS EYEPIECE

The rapid focus eyepiece can be adjusted in seconds, giving you a clear and crisp view of your target.



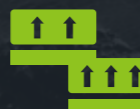
## WATERPROOF & FOGPROOF

Vanguard's O-ring seals completely prevent moisture, dust, and debris from entering the optics. Nitrogen purging prevents fogging in extreme weather conditions.



## LOCKING DIOPTRER RING

The diopter lets users adjust the focus to accommodate differences between each of their eyes. The diopter rings lock so that adjustments don't need to be made before each use.



## 2 & 3 STAGE TWIST EYE CUPS

Vanguard's twist-up eye cups come in 2 or 3 stage adjustments, allowing a customized fit for a comfortable viewing experience with or without eyeglasses.



## LOW LIGHT PERFORMANCE

The fully multicoated lenses improve light transmission for bright and clear images, with greater low-light performance.



## TRIPOD MOUNTABLE

With the tripod mountable feature, you can easily mount your optics to any tripod or monopod for hands-free stable viewing

# GALLERY



# “CHECK OUT WHAT’S NEW IN 2023”

Vanguard listens to the voice of consumers and continuously invests in research and development to provide a great outdoor experience



VEO AV/CV 20

P34

VEO PV 20  
P49

RELIABLE TRIPODS



VEO AV/CV 18

P35

VEO PV 18  
P49

RELIABLE TRIPODS



VEO AV/CV 16

P36

RELIABLE TRIPODS



VEO AV/CV 15

P37

RELIABLE TRIPODS



VEO AO/GO

P39

VEO PH-28/26  
P49

RELIABLE TRIPODS



VEO 360 AP/GP

P43

TRAVELLING TRIPODS



VEO 3TT ABP/CBP

P44

TABLE TRIPODS



VEO 3TT AP/GP

P27

TABLE TRIPODS



VEO QS 360

P51

360° QUICK SHOE



VEO LVL-60

P51

RELIABLE TRIPODS



ENDEAVOR 303AGM

P53

ENDEAVOR GM-70  
P49

RELIABLE TRIPODS



VEO XF

P53

BINOCULAR



# SPOTTING SCOPES

ENDEAVOR / VEO / VESTA SERIES





# ENDEAVOR HD

The angled view Endeavor HD spotting scope combines a nitrogen-filled magnesium housing and a fully multi-coated optical system to create a well equipped zoom scope for intermediate to long-range observation. The optical system employs Extra Low Dispersion (ED) Glass to ensure accurate color rendition and virtually eliminate color fringing. The lenses are fully multi-coated to ensure optimum light transmission and feature a phase-coated BAK4 roof prism. It also provides a very impressive field of view. In addition to the image quality and weather-sealed construction, the Endeavor HD includes several features that enhance the scope's functionality. It features an extendable rubber covered eyecup and boasts impressive eye relief even at the highest zoom settings. A built-in sunshield is included to eliminate glare in direct sunlight and it includes a padded raincoat with sling for carry and protection. Endeavor HD is also equipped with rapid focus and fine focus wheels for quick and precision fine tuning adjustments. The Endeavor HD mounts directly to Vanguard tripod heads (and others) that are equipped with the universal mounting plate without the use of a quick shoe.



- 4 layers Coatings
- Built-In sunshield eliminates Glare in Direct sunlight
- Extra-Low Dispersion Glass

• Dual Focus Controls For FineTuning Adjustments

• Magnification size for model shown :20-60x

• Arca Swiss Compatible Mountable to Tripod



Endeavor HD 82A

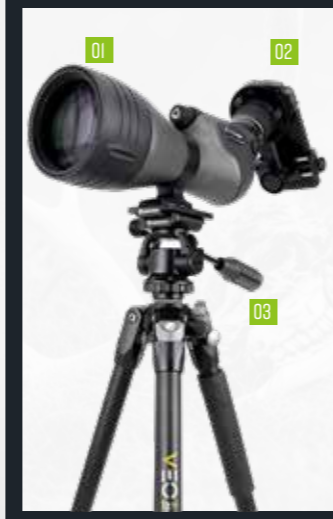
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
ENDEAVOR HD 82A	20~60 X 82	110~52 FT /1,000 YDS   37~17 M /1,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	63.8 OZ   1810 G
ENDEAVOR HD 65A	15~45 X 65	144~68 FT /1,000 YDS   48~23 M /1,000 M	14.8~18 FT   4.5~5.5 M	19~20 MM	51.1 OZ   1450 G



Removable Eyepiece

## PERFECT PARTNERS

- 01 ENDEAVOR HD 82A [ P12 ]
- 02 VEO PA-65 [ P30 ]
- 03 VEO 3 264A0 [ P40 ]



# ENDEAVOR XF

The Endeavor XF spotting scope boasts excellent optical viewing for nature enthusiasts and hunters. It features a rubber armored magnesium body and is waterproof submersible, nitrogen filled, and fogproof. The lenses are all fully multi-coated to ensure optimum light transmission and feature a phasecoated BAK4. The Endeavor XF 60A comes with a 60mm objective lens and angled eyepiece with 15-45x zoom magnification. It features an extendable rubber covered eyecup and boasts impressive eye relief even at the highest zoom settings. It also provides a very impressive field of view. A built-in sunshield is included to eliminate glare in direct sunlight and it includes a padded raincoat with a sling for carrying and protection. Endeavor XF is equipped with a large smooth focusing wheel for quick focusing adjustments. The Endeavor XF mounts directly to Vanguard tripod heads (and others) that are equipped with the universal mounting plate without the use of a quick shoe. The tripod mount on the angled scope rotates to give optimum viewing angles in a variety of situations such as bench shooting and use with a window mount.



- 4 layers Coatings
- Fully Multi-Coated Optics and PhaseCoated BAK4 Prism

• Large Focus Wheel for Easy Use, Even with Gloves

• Angled Eyepiece With 15-45X Zoom Magnification

• Rubber Armored Magnesium Body

• Tripod Mounting Shoe

• Built-In Lens Cap



Endeavor XF 80A

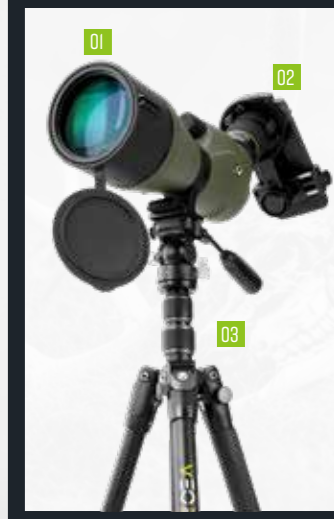
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
ENDEAVOR XF 80A	20~60 X 80	110~52 FT /1,000 YDS   37~17 M /1,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	59.3 OZ   1680 G
ENDEAVOR XF 60A	15~45 X 60	141~68 FT /1,000 YDS   47~23 M /1,000 M	16.4~19.7 FT   5~6 M	19~20 MM	45.1 OZ   1280 G



Easy Body Rotation

## PERFECT PARTNERS

- 01 ENDEAVOR XF 80A [ P12 ]
- 02 VEO PA-65 [ P30 ]
- 03 VEO 3T 235AP [ P40 ]





# VEO HD

The VEO HD spotting scope boasts excellent optical viewing for nature enthusiasts and outdoorsmen. It is nitrogen-filled, making it waterproof/fogproof for challenging weather conditions. The lenses are all fully multi-coated to ensure optimum light transmission, and each scope equipped with a large, smooth focusing wheel for quick adjustments. The lightweight and durable carbon-composite body is well-balanced, so whether in the field or at the range, VEO HD is a must-have.



- 4 layers Coatings
- Nitrogen Filled Waterproof & Fogproof
- Built-In Sunshield Eliminates Glare in Direct Sunlight
- Zoom Ring
- Twist Out Eyecup
- 22.5mm Large Eyepiece Design
- Premium Mitsubishi Rubber Armor
- Arca Swiss Compatible Mountable to Tripod
- Available with 60 or 80mm Objective Lens

Veo HD 80A

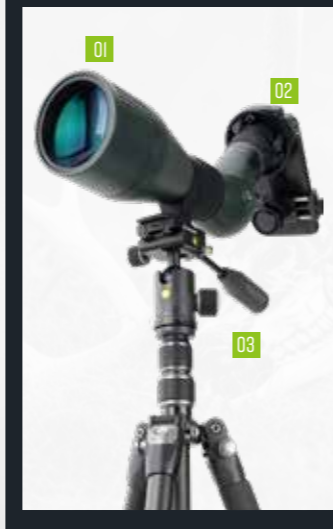
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
<b>VEO HD 80A</b>	20~60 X 80	110~52 FT /1,000 YDS   37~17 M /1,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	54.7 OZ   1550 G
<b>VEO HD 60A</b>	15~45 X 60	141~68 FT /1,000 YDS   47~23 M /1,000 M	16.4~19.7 FT   5~6 M	19~20 MM	42.5 OZ   1205 G



Find The Most Comfortable Viewing Angle With 180° Rotatable Front Body

## PERFECT PARTNERS

- 01 VEO HD 80A [ P12 ]
- 02 VEO PA-65 [ P30 ]
- 03 VEO 3T 265HABP [ P40 ]



# VESTA SPOTTING SCOPE KIT

The VESTA series of spotting scopes is recommended for anyone starting out with a spotting scope, or looking for something smaller to carry with ease. To the benefit of outdoor enthusiasts these scopes are compatible with many sized tripods. The Vesta 350 and 460 models are small enough to fit in the side pocket of a backpack and work great on a table top. Travelers and trend setters worldwide will also appreciate the Vanguard Vesta optics which are loaded with quality and deliver excellent value.



- BAK4 Prism Design and Multiguard® Multicoating Technology
- Modern Ergonomics With Rubber Armored Aluminum Alloy
- Quick Focus Adjustment Allows The User to Experience Everything in Fine-Tuned Detail
- Mountable to Tripod

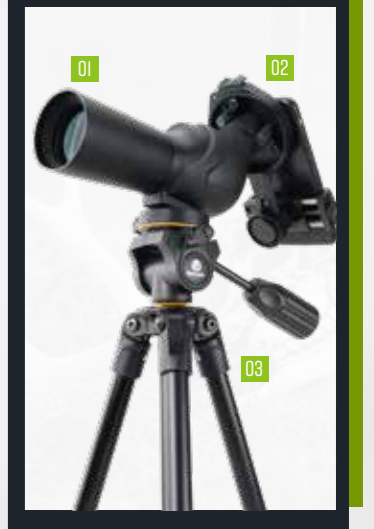
VESTA 560A

	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
<b>VESTA 560A</b>	15-45 X 60	104~63 FT /1,000 YDS   35~21 M /1,000 M	26.3~29.5 FT   8~9 M	16~21 MM	45.7 OZ   1293 G
<b>VESTA 460A</b>	15-50 X 60	125~57 FT /1,000 YDS   42~19 M /1,000 M	32.8~39.4 FT   10~12 M	11 MM	21.5 OZ   609 G
<b>VESTA 350A</b>	12-45 X 50	157~52 FT /1,000 YDS   52~17 M /1,000 M	29.5~39.4 FT   9~12 M	11 MM	21.2 OZ   600 G



## PERFECT PARTNERS

- 01 VESTA 350A [ P12 ]
- 02 VEO PA-65 [ P30 ]
- 03 VESTA 204AP [ P40 ]





# **B**INOCULARS & **M**ONOCULARS

ENDEAVOR / VEO / VESTA SERIES





# ENDEAVOR ED IV

Enhance your viewing experience with the best Endeavor ED Binocular series that Vanguard has ever produced. The innovative pairing of Premium HOYA ED (Extra-low Dispersion) glass and SK-15 Prisms allows master birders and outdoorsmen to experience nature in a totally new dimension.



Endeavor ED IV 1042

- 3-Stage Twist Eyecups
- Durable Magnesium Alloy Housing
- Pebbled Rubberized Armo



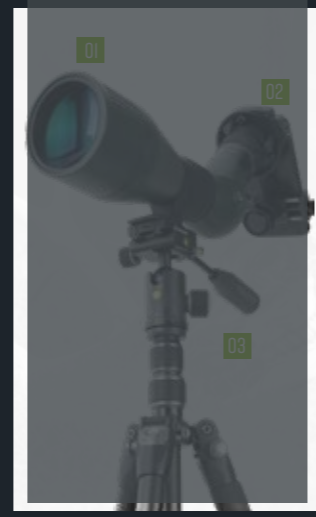
Advanced Multiguard® Coatings for Improved Light Transmission



Nitrogen Purged & O-Ring Sealed for 100% Fogproof & Waterproof Protection

## PERFECT PARTNERS

- 01 VEO HD 80A [P12]
- 02 VEO PA-65 [P30]
- 03 VEO 3T 265HABP [P40]



- 7 layers Coatings
- Premium HOYA ED Glass Provides A True Color Viewing Experience
- Advanced Multi-Layer Coating Provides More Than 92% Light Transmission

	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
<b>ENDEAVOR ED IV 1042</b>	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	5.9 FT   1.8 M	19 MM	56-74 MM	27.7 OZ   786 G
<b>ENDEAVOR ED IV 8420</b>	8 X 42	377 FT /1,000 YDS   126 M /1,000 M	5.9 FT   1.8 M	19 MM	56-74 MM	27.7 OZ   786 G



# ENDEAVOR ED II

The Endeavor ED II series ushers in a new era of superior optics from Vanguard. Featuring premium HOYA ED (Extra-low Dispersion) glass, Endeavor ED II allows for greater low-light views from dusk to dawn, providing an unforgettable experience for outdoor enthusiasts.



Endeavor ED II 1042

- 3-Stage Twist Eyecups
- Durable Magnesium Alloy Housing
- Pebbled Rubberized Armo

- 7 layers Coatings
- Premium HOYA ED Glass Provides A True Color Viewing Experience
- Nitrogen-Filled, Waterproof & Fogproof

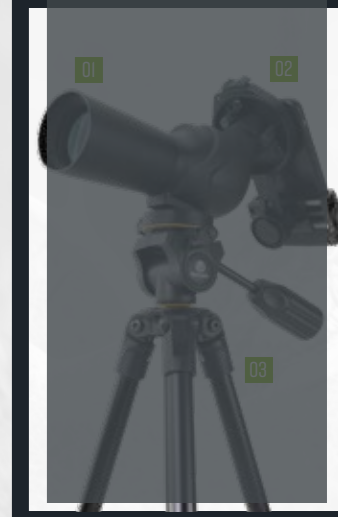
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
<b>ENDEAVOR ED II 1042</b>	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	6.6 FT   2 M	18 MM	58-74 MM	27.2 OZ   770 G
<b>ENDEAVOR ED II 8420</b>	8 X 42	377 FT /1,000 YDS   126 M /1,000 M	6.6 FT   2 M	19.5 MM	58-74 MM	27.2 OZ   770 G



Large Precise Focus Wheel

## PERFECT PARTNERS

- 01 VESTA 350A [P12]
- 02 VEO PA-65 [P30]
- 03 VESTA 204AP [P40]



# ENDEAVOR ED

Endeavor ED binoculars provide outdoorsmen high-performance features at an incredible value. Extra-low Dispersion (ED) glass with MultiGuard® coatings allow for sharp, bright images even in low-light conditions.



Endeavor ED 8420

- 3-Stage Twist Eyecups
- Modern Ergonomics With an Open-Bridge Design
- 7 layers Coatings
- BAK4 Roof Prisms for Enhanced Image Resolution
- Premium ED Glass Ensures Fine Detail and Brilliant Colors
- Advanced Multiguard® Coatings for Higher Light Transmittance

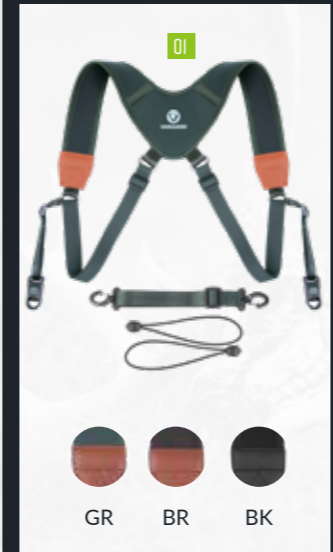
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
ENDEAVOR ED 1042	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	8.2 FT   2.5 M	16.5 MM	58-74 MM	25.8 OZ   730 G
ENDEAVOR ED 8420	8 X 42	367 FT /1,000 YDS   122 M /1,000 M	6.6 FT   2 M	19 MM	58-74 MM	25.8 OZ   730 G
ENDEAVOR ED 8320	8 X 32	377 FT /1,000 YDS   126 M /1,000 M	6.6 FT   2 M	17.5 MM	55-74 MM	19.1 OZ   540 G



Waterproof & Fogproof

# PERFECT PARTNERS

01 VEO OPTIC GUARD H DLX [ P12 ]

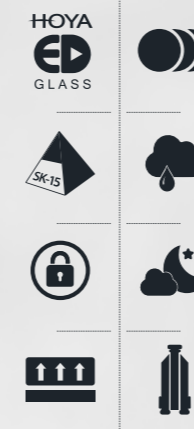


GR BR BK



# VEO HD IV

Vanguard's new VEO HD IV binocular series offers an upgraded viewing experience for nature lovers, birders, sports fans, and travelers. The innovative pairing of Premium HOYA ED (Extra-low Dispersion) glass and SK-15 prisms produces crystal-clear images of your subject while preserving its true image and color integrity.



VEO HD IV 1042

- 7 layers Coatings
- Premium ED Glass Ensures Fine Detail and Brilliant Colors
- Advanced Multi-Layer Coating Provides More Than 92% Light Transmission
- 3-Stage Twist Eyecups
- Durable Magnesium-Alloy Housing
- Pebbled Rubberized Armo
- Fully Waterproof Fogproof

	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO HD IV 1042	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	5.9 FT   1.8 M	19 MM	56-74 MM	27.7 OZ   786 G
VEO HD IV 8420	8 X 42	377 FT /1,000 YDS   126 M /1,000 M	5.9 FT   1.8 M	19 MM	56-74 MM	27.7 OZ   786 G



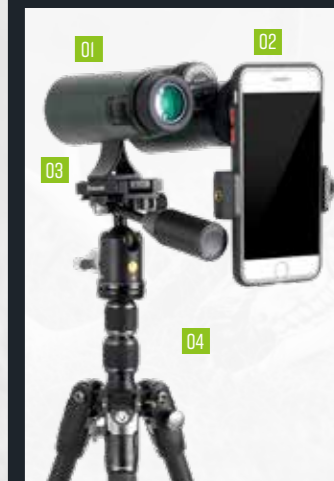
Large Secure Focus Wheel



Center Locking Diopter Adjustment

# PERFECT PARTNERS

- 01 VEO HD IV 1042 [ P12 ]
- 02 VEO PA-62 [ P30 ]
- 03 BA-185 [ P40 ]
- 04 VEO 3T 204ABP [ P40 ]



01 02 03 04





# VEO HD2

The VEO HD2 Binocular features HOYA extra-low dispersion (ED) glass and phase-corrected BAK4 prisms that work together to virtually eliminate chromatic aberration and produce images with true color fidelity across the entire field of view and enhanced contrast. Complementing the glass and prisms are an anti-reflective and fully multi-coated optical system that improves light transmission for bright and clear images with greater low-light performance.



- 7 layers Coatings
- Phase Corrected BaK4 Roof Prisms
- Premium HOYA ED Glass Provides A True Color Viewing Experience



VEO HD 2 1042

• 3-Stage Twist Eyecups

• Premium Mitsubishi Rubber Armor

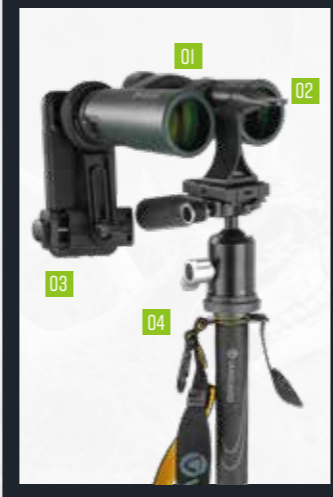
• New Advanced Carbon Composite Material



Soft Grip Center Focusing Wheel for Comfortable Viewing

## PERFECT PARTNERS

- 01 VEO HD 2 1042 [ P12 ]
- 02 VEO PA-62 [ P30 ]
- 03 BA-185 [ P40 ]
- 03 VEO 2SAM-234TBP50T [ P40 ]



# VEO HD 2 1042M

The VEO HD2 Monocular features HOYA extra-low dispersion (ED) glass to virtually eliminate chromatic aberration and produce images with true color fidelity across the entire field of view and enhanced contrast. The package includes a smartphone adapter and bluetooth remote so you can capture crisp, clear images on the go



- Waterproof and Fogproof
- Premium ED Glass Ensures Fine Detail and Brilliant Colors

• Objective Lens Cover



VEO HD 2 1042M

• Center Focus Knob

• Twist-Up Eyecup

• Neck Strap Bracket

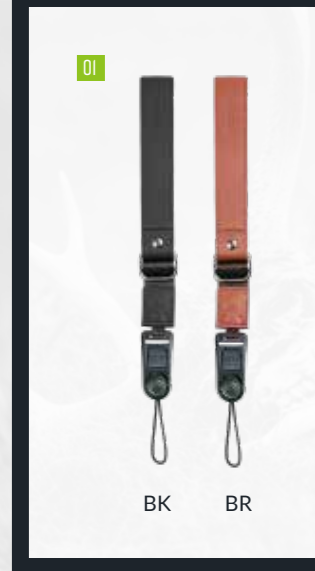


Mountable to tripod or monopod

	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
VEO HD 2 1042M	10 X 42	342 FT /1,000 YDS   114 M /1,000 M	6.5 FT   2 M	18 MM	11.5 OZ   325 G

## PERFECT PARTNERS

- 01 VEO OPTIC GUARD WS [ P12 ]



BK BR





# VEO HD

The VEO HD Binocular features extra-low dispersion (ED) glass and phase-corrected BAK4 prisms that work together to virtually eliminate chromatic aberration and produce images with true color fidelity across the entire field of view and enhanced contrast. Complementing the glass and prisms are an anti-reflective and fully multi-coated optical system that improves light transmission for bright and clear images with greater low-light performance.



- 7 layers Coatings
- Phase Corrected BaK4 Roof Prisms
- Extra-Low Dispersion (ED) Glass



VEO HD 1042

- Large Eyepiece
- 3-Stage Twist Eyecups
- New advanced carbon composite material

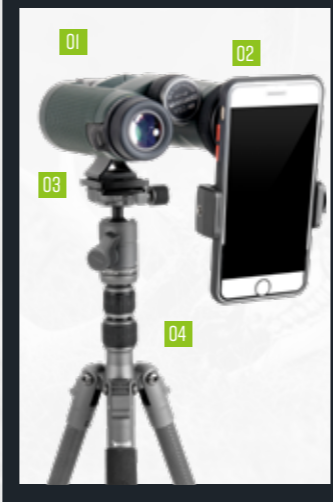


Ergonomic Thumb Position



# PERFECT PARTNERS

- 01 VEO HD 1042 [ P12 ]
- 02 VEO PA-62 [ P30 ]
- 03 BA-185 [ P40 ]
- 03 VEO 360 203AP [ P40 ]



	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO HD 1042	10 X 42	342 FT /1,000 YDS   114 M /1,000 M	6.6 FT   2 M	18 MM	58-74 MM	27.1 OZ   767 G
VEO HD 8420	8 X 42	372 FT /1,000 YDS   124 M /1,000 M	6.6 FT   2 M	19 MM	58-74 MM	26.8 OZ   760 G

# VEO ED

VEO ED is a well-balanced, lightweight, and durable carbon-composite binocular. It is 100% waterproof/fogproof, and designed to take on challenging weather conditions. Extra Low Dispersion (ED) Glass effectively reduces chromatic aberration and enhances color resolution and contrast. The VEO ED is essential for every outdoor enthusiast.



- 4 layers Coatings
- Waterproof and Fogproof
- Extra-Low Dispersion (ED) Glass



VEO ED 1250

- 3-Stage Twist Eyecups
- Premium Mitsubishi Textured Rubber Armor
- Phase Corrected BaK4 Roof Prisms

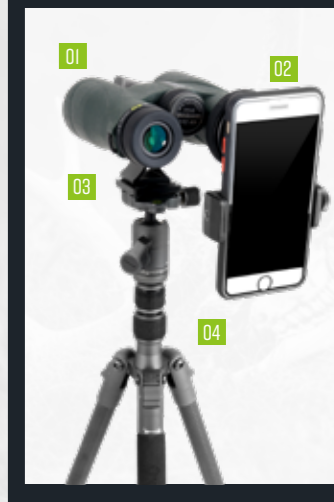
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO ED 1250	12 X 50	251 FT /1,000 YDS   84 M /1,000 M	11.5 FT   3.5 M	18 MM	60-75 MM	26.8 OZ   760 G
VEO ED 1050	10 X 50	282 FT /1,000 YDS   94 M /1,000 M	9.8 FT   3 M	19 MM	59.5-75 MM	27.6 OZ   782 G
VEO ED 1042	10 X 42	314 FT /1,000 YDS   105 M /1,000 M	9.2 FT   2.8 M	16 MM	55-75 MM	22.6 OZ   640 G
VEO ED 8420	8 X 42	330 FT /1,000 YDS   110 M /1,000 M	8.2 FT   2.5 M	19 MM	55-75 MM	22.6 OZ   640 G



Oversized Center Focus Wheel For Easy Control

# PERFECT PARTNERS

- 01 VEO ED 1042 [ P12 ]
- 02 VEO PA-62 [ P30 ]
- 03 BA-185 [ P40 ]
- 04 VEO 360 203AP [ P40 ]





# VEO ED 8420M

Vanguard's new VEO ED 8420M monocular offers a new, compact way for you to get a closer look in the field or at events. This 100% waterproof and fogproof optics piece features Extra-Low Dispersion (ED) Glass, which effectively reduces chromatic aberration and enhances color resolution and contrast. The package includes VEO PA-62 smartphone adapter and Bluetooth remote, so you can capture your magnified subjects on film or video.



• Waterproof and Fogproof



VEO ED 8420M

• Center Focus Knob

• 3-Stage Twist Eyecups

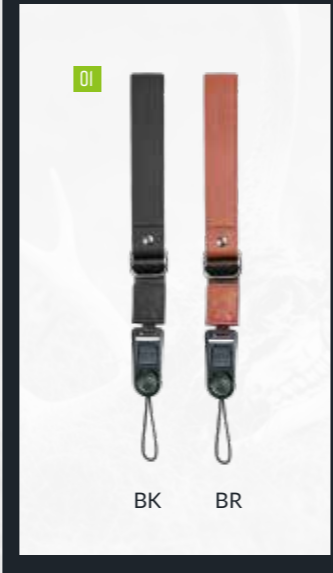
• Neck Strap Bracket



Mountable to tripod

## PERFECT PARTNERS

01 VEO OPTIC GUARD WS [P12]



BK BR



# VEO XF

VEO ED is a well-balanced, lightweight, and durable carbon-composite binocular. It is 100% waterproof/fogproof, and designed to take on challenging weather conditions. Extra Low Dispersion (ED) Glass effectively reduces chromatic aberration and enhances color resolution and contrast. The VEO ED is essential for every outdoor enthusiast.



• 4 layers Coatings

• Waterproof and Fogproof

• Extra-Low Dispersion (ED) Glass

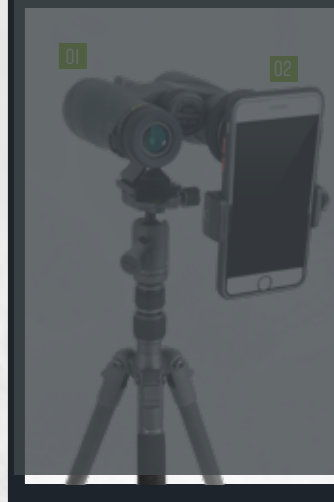


VEO XF

	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO XF 1042	10 X 42	332 FT /1,000 YDS   III M /1,000 M	6.9 FT   2.1 M	16 MM	57-74 MM	-
VEO XF 8420	8 X 42	409 FT /1,000 YDS   136 M /1,000 M	6.9 FT   2.1 M	20 MM	57-74 MM	-

## PERFECT PARTNERS

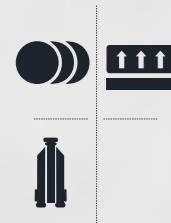
- 01 VEO ED 1042 [P12]
- 02 VEO PA-62 [P30]
- 03 BA-185 [P40]
- 04 VEO 3GD 203AP [P40]





# VESTA

Vesta binoculars are designed for any birder, traveller or hunter who is looking for value for money, without compromising on performance. The Vesta binoculars contain optical quality glass with an enhancing BAK4 roof prism design and multi-coating technology for crisp resolution, clarity, color fidelity and light transmission. Each binocular is manufactured and assembled with a light weight yet durable housing, and is waterproof and fogproof. The large center focus knob allows the user to experience everything in fine-tuned detail. From the packaging to the product and accessories, these new binoculars deliver the impression of a quality design while always remaining focused on performance and most importantly your success afield.



- Ergonomic and Durable Body
- Light Weight yet Durable Housing
- BAK Roof Prisms



• Twist Out Rubber Eyecups For Comfortable Viewing

VESTA 8420

• BAK Roof Prisms

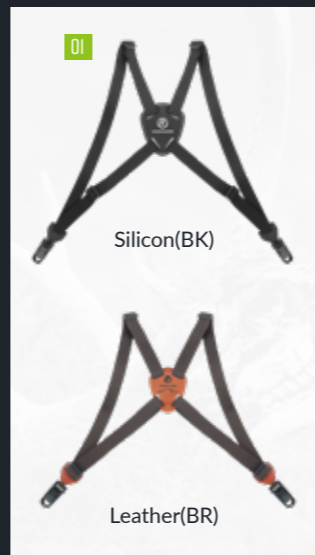
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VESTA 1042	10 X 42	298 FT /1,000 YDS   100 M /1,000 M	6.9 FT   2.1 M	17 MM	56-74 MM	20.8 OZ   590 G
VESTA 1025	10 X 25	330 FT /1,000 YDS   110 M /1,000 M	8.2 FT   2.5 M	10 MM	56-74 MM	9.88 OZ   280 G
VESTA 8420	8 X 42	325 FT /1,000 YDS   108 M /1,000 M	6.9 FT   2.1 M	19 MM	56-74 MM	21.5 OZ   610 G
VESTA 8250	8 X 25	340 FT /1,000 YDS   114 M /1,000 M	8.2 FT   2.5 M	12.5 MM	56-74 MM	9.88 OZ   280 G



Large Center Focus Knob For Fast and Smooth Ease of use

## PERFECT PARTNERS

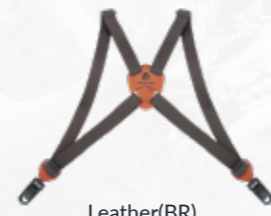
01 VEO OPTIC GUARD H [PI2]



01



Silicon(BK)

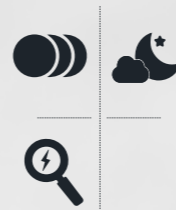


Leather(BR)



# VESTA 8320M

The Vanguard Vesta 8320M monocular delivers optimal optical performance in a lightweight and compact body. The package includes a smart phone adapter and blue tooth remote so you can capture crisp, clear images on the go.



• Objective Lens Cover



VESTA 8320M

• Center Focus Knob

• Twist-Up Eyecup

• Neck Strap Bracket

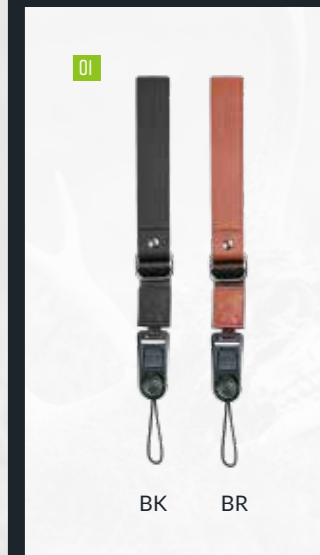
	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
VESTA 8320M	8 X 32	392 FT /1,000 YDS   131 M /1,000 M	6.6 FT   2 M	17.7 MM	8.8 OZ   250 G



Mountable to tripod

## PERFECT PARTNERS

01 VEO OPTIC GUARD WS [PI2]



01



BK



BR







# OPTICS ACCESSORIES

## VEO PA-65

VEO PA-65 is a universal smartphone digiscoping kit that will fit any smartphone up to 3.54inches/90mm wide, and can be used with almost any spotting scope from any brand to enable you to take captivating closeup shots and share them straight to social media

Fits smartphones up to: 59-90mm/2.3-3.5in.wide  
Fits eye pieces between: φ34-54mm/1.3-2.1in.



## VEO PA-62

VEO PA-62 universal digiscope adaptor can be used for taking photos or video with almost any smartphone up to 91mm/3.6 inches wide, with an adjustable arm that can be aligned to any lens on the camera. It quickly attaches to the eyepiece of any binocular or monocular that has a diameter between 41.5-44.7mm/1.6-1.8 inches wide, and can be paired to Apple or Android smartphones with the included Bluetooth remote for touch-free control.

Fits smartphones up to: 60-91mm/2.4-3.6in.wide  
Fits eye pieces between: φ41.5-44.7mm/1.6-1.8in



## BA-185

The BA-185 Binocular Tripod Adapter steadies a binocular for clear, relaxed, hands-free viewing. It works with any roof prism binocular that has a standard 1/4-20 thread tripod socket, and on most models its thin bridge will still allow you to set your binocular to the minimum interpupillary distance adjustment



# OPTIC GUARD ACCESSORIES

The VEO OPTIC GUARD series is the quintessential harness solution for passionate birders who use their binoculars or cameras for extended periods. The Optic Guard is designed with ultimate ergonomic comfort in mind, enabling you carry your gear in the field without added weight or pressure. Whether you're just heading out for a short hike or committed to a long-term birding experience, the VEO OPTIC GUARD series is sure to enhance your outdoor experience.

## VEO OPTIC GUARD H DLX

Strapwidth: 1.0 inches/25 mm  
Maxload: 5.5 Lbs/2.5 kg Weight: 0.53 Lbs/240 g



VEO OPTIC GUARD H DLX includes Bonus cinch clip

X4



## VEO OPTIC GUARD H

Strapwidth: 1.0 inches/25 mm  
Maxload: 2.2 Lbs/1 kg Weight: 0.31 Lbs/140 g



VEO OPTIC GUARD H includes Bonus cinch clip

X4



## VEO OPTIC GUARD WS

Strapwidth: 1.0 inches/25 mm  
Maxload: 4Lbs/1.8 kg Weight: 0.1 Lbs/40 g



VEO OPTIC GUARD WS includes Bonus cinch clip

X2





# TRIPODS

VEO / VESTA SERIES



# VEO 3 AV/CV 20

The VEO 3 tripods are designed for every outdoorsman who is looking for maximum stability and function in more challenging conditions. We have introduced easy to clean leg locks to maximize the life of the tripod with easy and efficient maintenance. One leg allows for conversion to a monopod



VIDEO ★★★★★  
Spotting Scopes ★★★★★  
Cameras ★★★★★☆

ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
<b>VEO 3 303AV20</b>	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	7.1 / 3241
CARBON FIBER								
<b>VEO 3 303CV20</b>	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	6.4 / 2894



PERFECT PARTNERS



01 ENDEAVOR HD 82A [PI2] 02 VEO PA-65 [PI2]



Twist Lock For folding and extending

30mm Leg Diameter  
30mm

VEO PV-20  
Arca Compatible 2-Way Video Pan Head



VEO 3 303AV20



# VEO 3 AV/CV 18

The VEO 3 tripods are designed for every outdoorsman who is looking for maximum stability and function in more challenging conditions. We have introduced easy to clean leg locks to maximize the life of the tripod with easy and efficient maintenance. One leg allows for conversion to a monopod



VIDEO ★★★★★  
Spotting Scopes ★★★★★  
Cameras ★★★★★☆

ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
<b>VEO 3 303AV18</b>	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	7.1 / 3241
CARBON FIBER								
<b>VEO 3 303CV18</b>	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	6.4 / 2894



PERFECT PARTNERS



01 ENDEAVOR HD 82A [PI2] 02 VEO PA-65 [PI2]

Twist Lock For folding and extending

30mm Leg Diameter  
30mm

VEO PV-18  
Arca Compatible 2-Way Video Pan Head



VEO 3 303AV18

# VEO 3 AV/CV 16

The VEO 3 tripods are designed for every outdoorsman who is looking for maximum stability and function in more challenging conditions. We have introduced easy to clean leg locks to maximize the life of the tripod with easy and efficient maintenance. One leg allows for conversion to a monopod



VIDEO ★★★★★  
Spotting Scopes ★★★★★  
Cameras ★★★★★☆

ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VEO 3 263AV16	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	7.1 / 3241
VEO 3 264AV16	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	7.1 / 3241
VEO 3 263AV16LVL	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	7.1 / 3241
CARBON FIBER								
VEO 3 263CV16	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	6.4 / 2894
VEO 3 264CV16	28.4 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	13.2 / 6	6.4 / 2894



**PERFECT PARTNERS**

01 ENDEAVOR HD 82A [PI2] 02 VEO PA-65 [PI2]



VEO LVL 60

VEO PV-16  
Arca Compatible 2-Way Video Pan Head



VEO 3 264CV16



# VEO 3 AV/CV 15

The VEO 3 tripods are designed for every outdoorsman who is looking for maximum stability and function in more challenging conditions. We have introduced easy to clean leg locks to maximize the life of the tripod with easy and efficient maintenance. One leg allows for conversion to a monopod



VIDEO ★★★★★  
Spotting Scopes ★★★★★  
Cameras ★★★★★☆

ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VEO 3 264AV15	22.6 / 575	61.2 / 1555	48.3 / 1227	26	4	VEO PV-15	11 / 5	5.3 / 2400
CARBON FIBER								
VEO 3 264CV15	22.6 / 575	61.2 / 1555	48.3 / 1227	26	4	VEO PV-15	11 / 5	4.8 / 2200



**PERFECT PARTNERS**

01 ENDEAVOR XF 60A [PI2] 02 VEO PA-65 [PI2]

3 leg angles for maximum versatility



VEO PV-15  
Arca Compatible 2-Way Video Pan Head



Loaded counter balance switch



VEO 3 264CV15

## VEO 3 AB/CB

The VEO 3 tripods are designed for every outdoorsman who is looking for maximum stability and function in more challenging conditions. We have introduced easy to clean leg locks to maximize the life of the tripod with easy and efficient maintenance. One leg allows for conversion to a monopod



Pro-Level Cameras up to 800mm f5.6 ★★★★★  
Spotting Scopes ★★★★★  
Binoculars ★★★★★☆

ALUMINUM	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
<b>VEO 3 303AB</b>	29.3 / 745	72.1 / 1831	58.8 / 1495	30	3	VEO BH-250S	55.1 / 25	5.7 / 2585
<b>VEO 3 304AB</b>	26.2 / 665	71.9 / 1826	58.8 / 1494	30	4	VEO BH-250S	55.1 / 25	5.7 / 2586
<b>VEO 3 263AB</b>	29.1 / 738	70.7 / 1795	57.7 / 1465	26	3	VEO BH-160S	33.1 / 15	4.7 / 2142

CARBON FIBER	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
<b>VEO 3 303CB</b>	29.3 / 745	72.1 / 1831	58.8 / 1495	30	3	VEO BH-250S	55.1 / 25	4.9 / 2238
<b>VEO 3 304CB</b>	26.2 / 665	71.9 / 1826	58.8 / 1494	30	4	VEO BH-250S	55.1 / 25	4.98 / 2259
<b>VEO 3 263CB</b>	29.1 / 738	70.7 / 1795	57.7 / 1465	26	3	VEO BH-160S	33.1 / 15	4.2 / 1900

3/8" to 1/4" -20 Reversible Screw Adaptor



3/8" to 1/4" Reversible Thread



VEO BH-250S  
Arca Compatible  
Dual Axis Ball Head



Retractable hook to attach additional weight for extra stability

Solid, Easy Clean Twist Locks

VEO 3 303AB



PERFECT PARTNERS



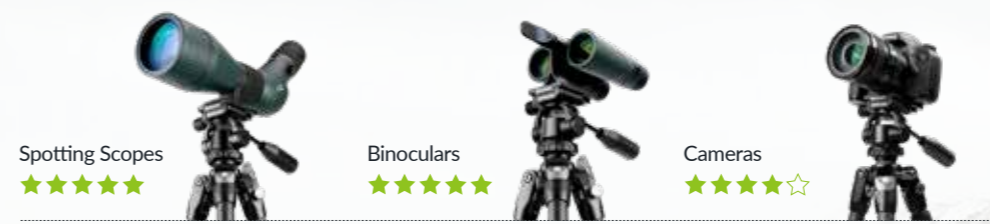
01 ENDEAVOR HD 82A [PI2]



02 VEO PA-65 [PI2]

## VEO 3 AO/CO

The VEO 3 tripods are designed for every outdoorsman who is looking for maximum stability and function in more challenging conditions. We have introduced easy to clean leg locks to maximize the life of the tripod with easy and efficient maintenance. One leg allows for conversion to a monopod



Spotting Scopes ★★★★★  
Binoculars ★★★★★  
Cameras ★★★★★☆

ALUMINUM	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
<b>VEO 3 263AO</b>	27.9 / 708	69.4 / 1763	56.4 / 1432	26	3	VEO PH-28	17.6 / 8	5.2 / 2360
<b>VEO 3 264AO</b>	22.6 / 575	61.2 / 1555	48.3 / 1227	26	4	VEO PH-28	17.6 / 8	5.1 / 2320
<b>VEO 3 233AO</b>	25 / 636	61.2 / 1555	49.2 / 1250	23	3	VEO PH-26	13.2 / 6	4.1 / 1860

CARBON FIBER	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
<b>VEO 3 263CO</b>	27.9 / 708	69.4 / 1763	56.4 / 1432	26	3	VEO PH-28	17.6 / 8	4.6 / 2100
<b>VEO 3 264CO</b>	22.6 / 575	61.2 / 1555	48.3 / 1227	26	4	VEO PH-28	17.6 / 8	4.7 / 2120
<b>VEO 3 233CO</b>	25 / 636	61.2 / 1555	49.2 / 1250	23	3	VEO PH-26	13.2 / 6	3.7 / 1680

3 leg angles for prone sitting & standing positions



VEO PH-28/26  
Arca Compatible 2-Way Pan Head



Leg that converts to a monopod

Rubber feet & Spiked feet

VEO 3 264CO



PERFECT PARTNERS



01 ENDEAVOR XF 60A [PI2]



02 VEO PA-65 [PI2]

## VEO 3T BALL HEAD WITH REMOVABLE PAN HANDLE

The VEO 3T Series is designed to deliver both portability (with models that fold to less than 16 in/41cm and weigh 3lbs/1.4kg ) and performance (with a maximum height of up to 65 in/166cm and a load capacity of up to 26.5lbs/12kg). The series also include an Arca-compatible head and a quick-release plate that has the option to attach a pan-handle for greater control, especially when using longer lenses or spotting scopes, and a quick release plate that can be used to attach a smartphone up to 3.35 in/85mm wide with additional accessories. As if that wasn't enough, each tripod has a leg that can convert to a monopod with an all-weather TPU grip



Vlog ★★★★★  
Spotting Scopes ★★★★★☆  
Cameras ★★★★★☆

The 2-Section Central Column Delivers The Balance Between Maximum Height and Portability



VEO 3TT 233CBP



VEO BP-45T/50T/120T  
Ball/Pan head



VEO 3T 265HABP



ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VEO 3T 265HABP	17.3 / 439	65.4 / 1660	50.2 / 1275	26	5	VEO BP-120T	26.4 / 12	4.7 / 2115
VEO 3T 235ABP	16.1 / 410	61.0 / 1550	45.5 / 1155	23	5	VEO BP-50T	17.6 / 8	3.8 / 1745
VEO 3T 204ABP	15.9 / 405	55.1 / 1400	40.9 / 1040	20	4	VEO BP-45T	8.8 / 4	3.3 / 1490
VEO 3TT 233ABP	9.7 / 245	22.1 / 560	19.1 / 486	23	3	VEO BP-50T	17.6 / 8	2.6 / 1161
VEO 3TT 203ABP	9.1 / 225	19.7 / 500	5.7 / 443	20	3	VEO BP-45T	8.8 / 4	2.2 / 977

CARBON FIBER	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VEO 3T 265HCBP	17.3 / 439	65.4 / 1660	50.2 / 1275	26	5	VEO BP-120T	26.4 / 12	4.2 / 1910
VEO 3T 235CBP	16.1 / 410	61.0 / 1550	45.5 / 1155	23	5	VEO BP-50T	17.6 / 8	3.5 / 1600
VEO 3T 204CBP	15.9 / 405	55.1 / 1400	40.9 / 1040	20	4	VEO BP-45T	8.8 / 4	3.0 / 1375
VEO 3TT 233CBP	9.7 / 245	22.1 / 560	19.1 / 486	23	3	VEO BP-50T	17.6 / 8	2.4 / 1101

PERFECT PARTNERS



01 VEO HD 80A [P12]

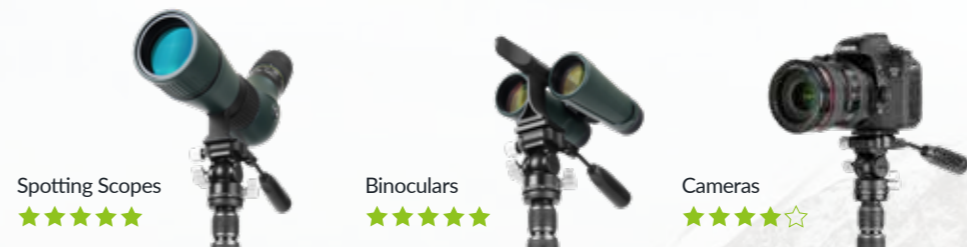


02 VEO PA-65 [P12]

The outlook between VEO3T and VEO 3TT models have differences, please refer to vanguard official website for more detail.

## VEO 3T 2-WAY PAN HEAD WITH FOLDING HANDLE

The VEO 3T Series is designed to deliver both portability (with models that fold to less than 16 in/41cm and weigh 3lbs/1.4kg ) and performance (with a maximum height of up to 65 in/166cm and a load capacity of up to 26.5lbs/12kg). The series also include an Arca-compatible head and a quick-release plate that has the option to attach a pan-handle for greater control, especially when using longer lenses or spotting scopes, and a quick release plate that can be used to attach a smartphone up to 3.35 in/85mm wide with additional accessories. As if that wasn't enough, each tripod has a leg that can convert to a monopod with an all-weather TPU grip



Spotting Scopes ★★★★★  
Binoculars ★★★★★  
Cameras ★★★★★☆

3 Easy-Set Leg Angles (20°, 50° & 80°)

Converts to a Monopod

ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VEO 3T 235AP	16.1 / 410	60.4 / 1535	44.9 / 1140	23	5	VEO PH-20	13.2 / 6	3.6 / 1648
VEO 3TT 233AP	9.7 / 245	21.2 / 538	18.4 / 466	23	3	VEO PH-20	13.2 / 6	2.4 / 1100

CARBON FIBER	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VEO 3T 235CP	16.1 / 410	60.4 / 1535	44.9 / 1140	23	5	VEO PH-20	13.2 / 6	3.3 / 1498

VEO PH-20  
Two way pan head



VEO 3TT 233CBP



VEO 3T 235CP

Rubber Feet & Spiked Feet

The outlook between VEO3T and VEO 3TT models have differences, please refer to vanguard official website for more detail.



PERFECT PARTNERS



01 ENDEAVOR XF 60A [P12]



02 VEO PA-65 [P12]



## VEO 3T BALL HEAD WITH REMOVABLE PAN HANDLE

The VEO 3T Series is designed to deliver both portability (with models that fold to less than 16 in/41cm and weigh 3lbs/1.4kg) and performance (with a maximum height of up to 65 in/166cm and a load capacity of up to 26.5lbs/12kg). The series also include an Arca-compatible head and a quick-release plate that has the option to attach a pan-handle for greater control, especially when using longer lenses or spotting scopes, and a quick release plate that can be used to attach a smartphone up to 3.35 in/85mm wide with additional accessories. As if that wasn't enough, each tripod has a leg that can convert to a monopod with an all-weather TPU grip



ALUMINUM	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO 3T 265HABP	17.3 / 439	65.4 / 1660	50.2 / 1275	26	5	VEO BP-120T	26.4 / 12	4.7 / 2115
VEO 3T 235ABP	16.1 / 410	61.0 / 1550	45.5 / 1155	23	5	VEO BP-50T	17.6 / 8	3.8 / 1745
VEO 3T 204ABP	15.9 / 405	55.1 / 1400	40.9 / 1040	20	4	VEO BP-45T	8.8 / 4	3.3 / 1490
VEO 3TT 233ABP	9.7 / 245	22.1 / 560	19.1 / 486	23	3	VEO BP-50T	17.6 / 8	2.6 / 1161
VEO 3TT 203ABP	9.1 / 225	19.7 / 500	57.7 / 443	20	3	VEO BP-45T	8.8 / 4	2.2 / 977
CARBON FIBER								
VEO 3T 265HCBP	17.3 / 439	65.4 / 1660	50.2 / 1275	26	5	VEO BP-120T	26.4 / 12	4.2 / 1910
VEO 3T 235CBP	16.1 / 410	61.0 / 1550	45.5 / 1155	23	5	VEO BP-50T	17.6 / 8	3.5 / 1600
VEO 3T 204CBP	15.9 / 405	55.1 / 1400	40.9 / 1040	20	4	VEO BP-45T	8.8 / 4	3.0 / 1375
VEO 3TT 233CBP	9.7 / 245	22.1 / 560	19.1 / 486	23	3	VEO BP-50T	17.6 / 8	2.4 / 1101



**PERFECT PARTNERS**

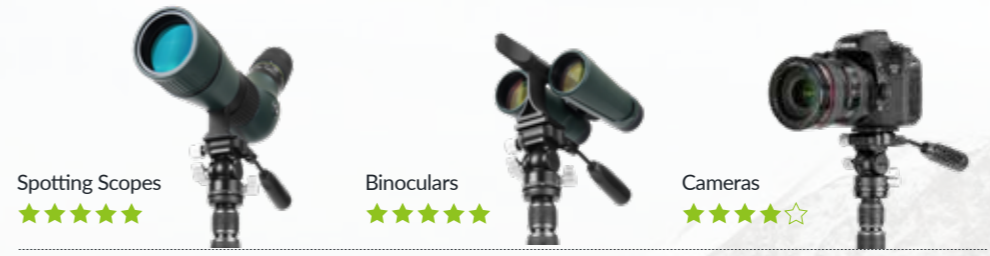
01 VEO HD 80A [P12]  
02 VEO PA-65 [P12]

The outlook between VEO3T and VEO 3TT models have differences, please refer to vanguard official website for more detail.



## VEO 3T 2-WAY PAN HEAD WITH FOLDING HANDLE

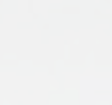
The VEO 3T Series is designed to deliver both portability (with models that fold to less than 16 in/41cm and weigh 3lbs/1.4kg) and performance (with a maximum height of up to 65 in/166cm and a load capacity of up to 26.5lbs/12kg). The series also include an Arca-compatible head and a quick-release plate that has the option to attach a pan-handle for greater control, especially when using longer lenses or spotting scopes, and a quick release plate that can be used to attach a smartphone up to 3.35 in/85mm wide with additional accessories. As if that wasn't enough, each tripod has a leg that can convert to a monopod with an all-weather TPU grip



ALUMINUM	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO 3T 235AP	16.1 / 410	60.4 / 1535	44.9 / 1140	23	5	VEO PH-20	13.2 / 6	3.6 / 1648
VEO 3TT 233AP	9.7 / 245	21.2 / 538	18.4 / 446	23	3	VEO PH-20	13.2 / 6	2.4 / 1100
CARBON FIBER								
VEO 3T 235CP	16.1 / 410	60.4 / 1535	44.9 / 1140	23	5	VEO PH-20	13.2 / 6	3.3 / 1498

**PERFECT PARTNERS**

01 ENDEAVOR XF 60A [P12]  
02 VEO PA-65 [P12]



The outlook between VEO3T and VEO 3TT models have differences, please refer to vanguard official website for more detail.

## VEO 3GO TRAVELLING TRIPOD

VEO 3 GO tripods recognize the fact that many shooters don't take a tripod along because the extra bulk and weight are cumbersome. This series solves this with models that fold down to as little as 13 in/33cm and weigh as little as 1.8lbs/816g making them incredibly portable, but despite this portability there are models that can extend up to 65 in/166cm and handle up to 22lbs/10kg. The feature-rich range is available in aluminum or extremely lightweight carbon fiber, both options ideal for all types of cameras from DSLR to mirrorless/CSC/hybrid cameras and even smart phones. The included smart phone holder and Bluetooth remote turn the VEO 3 GO into a tripod or monopod/selfie stick capable of capturing images remotely with your smart phone.



ALTA BH-102



T-50/45

ALUMINUM	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO 3GO 265HAB	16.1 / 410	65.5 / 1665	49.6 / 1260	26	5	ALTA BH-102	22 / 10	3.6 / 1659
VEO 3GO 235AB	12.9 / 330	53.5 / 1360	41.7 / 1060	23	5	T-50	11 / 5	2.7 / 1225
VEO 3GO 204AB	13.6 / 345	51.5 / 1310	39.8 / 1010	20	4	T-45	6.6 / 3	2.1 / 945

CARBON FIBER	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO 3GO 265HCB	16.1 / 410	65.5 / 1665	49.6 / 1260	26	5	ALTA BH-102	22 / 10	3.1 / 1415
VEO 3GO 235CB	12.9 / 330	53.5 / 1360	41.7 / 1060	23	5	T-50	11 / 5	2.3 / 1065
VEO 3GO 204CB	13.6 / 345	51.6 / 1310	39.8 / 1010	20	4	T-45	6.6 / 3	1.8 / 816



PERFECT PARTNERS



01 VEO HD 80A [PI2]



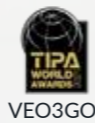
02 VEO PA-65 [PI2]



VEO 3GO 265HCB



Fits any smartphone up to 87mm wide



VEO3GO



VEO3GO235CB

## VEO 3GO TRAVELLING TRIPOD

VEO 3 GO tripods recognize the fact that many shooters don't take a tripod along because the extra bulk and weight are cumbersome. This series solves this with models that fold down to as little as 13 in/33cm and weigh as little as 1.8lbs/816g making them incredibly portable, but despite this portability there are models that can extend up to 65 in/166cm and handle up to 22lbs/10kg. The feature-rich range is available in aluminum or extremely lightweight carbon fiber, both options ideal for all types of cameras from DSLR to mirrorless/CSC/hybrid cameras and even smart phones. The included smart phone holder and Bluetooth remote turn the VEO 3 GO into a tripod or monopod/selfie stick capable of capturing images remotely with your smart phone.



Spotting Scopes  
★★★★★

Binoculars  
★★★★★

Cameras  
★★★★☆

ALUMINUM	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO 3GO 235AP	13.4 / 340	53.4 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	7.7 / 3.5	2.7 / 1239
VEO 3GOT 233AP	13.4 / 340	53.4 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	7.7 / 3.5	2.7 / 1239
VEO 3GOT 203AP	13.4 / 340	53.4 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	7.7 / 3.5	2.7 / 1239

CARBON FIBER	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO 3GO 235CP	13.4 / 340	53.4 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	7.7 / 3.5	2.4 / 1080
VEO 3GO 204CP	14.2 / 360	52.6 / 1335	40.1 / 1018	20	4	VEO 2 PH-25	7.7 / 3.5	2.1 / 947



PERFECT PARTNERS



01 ENDEAVOR XF 60A [PI2]



02 VEO PA-65 [PI2]



VEO 2 PH-25  
Two way pan head



Travel size



VEO 3GO 235CP



## VEO 2 PRO STANDARD TRIPOD

The VEO 2 PRO AV/CV models are designed for photography with longer lenses, videography or bird watching/hunting using a spotting scope. The 2-way pan-heads feature extra-large quick release plates and extended video handles for maximum control, and ergonomic locking knobs to control movement. With a choice of an Arca compatible head (VEO 2 PH-15) or a Vanguard quick release lever lock (VEO 2 PH-13) and a maximum load capacity of up to 5kg, these tripods deliver a solid and stable base.



3/8" to 1/4" Reversible Thread



20°, 45°, 80° Adjustable Leg Angles



Quick Flip Leg Locks

ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VEO 2PRO 263AO	24 / 610	63 / 1600	50.8 / 1290	26	3	VEO 2 PH-28	11 / 5	4.24 / 1926
VEO 2PRO 233AO	22 / 560	57.5 / 1460	45.7 / 1160	23	3	VEO 2 PH-28	8.8 / 4	3.71 / 1683
VEO 2PRO 203AO	22 / 560	57.5 / 1460	45.9 / 1165	20	3	VEO 2 PH-26	6.6 / 3	3.14 / 1425



VEO 2 PH-26/28 Adjustable Handle



Removable Hook

VEO 2PRO 233 AO

## VESTA TB

VESTA TB is a cost-effective tripod with both a simple design and advanced features. The aluminum construction is lightweight, and the inverted 4- or 5-section legs fold up for compact carrying. The legs configure to 3 angles with twist-locks for quick and easy opening and closing. A two-section center column helps increase stability and height. The sturdy ball head has large ergonomic knobs, and it includes an Arca Swiss-compatible quick-release shoe (QS-64). Shoot low-angle photos by reversing the center column.

Hidden hex wrench storage



ALUMINUM	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VESTA TB 235AB	14.8 / 375	56.3 / 1430	48.6 / 1235	23	5	T-51	9.9 / 4.5	2.65 / 1200
VESTA TB 204AB	14.8 / 375	51.1 / 1300	41.5 / 1055	20	4	T-46	6.6 / 3	2.06 / 934
CARBON FIBER								
VESTA TB 235CB	14.8 / 375	56.3 / 1430	48.6 / 1235	23	5	T-51	9.9 / 4.5	2.27 / 1031
VESTA TB 204CB	14.8 / 375	51.1 / 1300	41.5 / 1055	20	4	T-46	6.6 / 3	1.77 / 802

Dual Center Column for increased stability

Legs Can Be Quickly Inverted for Compact Carrying



T-51/T-46 Adjustable Arca compatible ball head



VESTA TB235CB

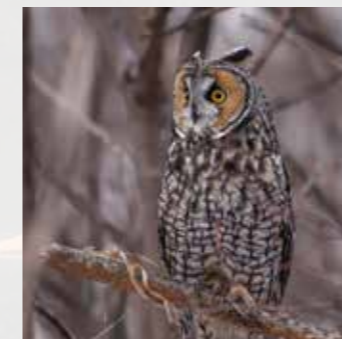


PERFECT PARTNERS



01 VEO HD 80A [PI2]

02 VEO PA-65 [PI2]



PERFECT PARTNERS



01 VESTA 560A [PI2]

02 VEO PA-65 [PI2]



# VESTA

The Vesta Series of tripod kits, bags, and sport optics is designed for entry-level or engaging users. In this collection you will find a variety of Vesta tripod kits. Built for performance, the Vesta Series of Tripod kits have several strong features, premium build quality, and can provide you with high to low positioning while ensuring the stability of your camera, video, or sport optic.

**PH-23**  
2-WAY PAN HEAD



**GH-45**  
DUAL PANNING GRIP HEAD



ALUMINUM	FOLDED HEIGHT [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VESTA 233AP	22.9 / 582	61 / 1550	48.1 / 1221	23	3	PH-23	7.7 / 3.5	2.8 / 1275
VESTA 203AP	22.4 / 570	61 / 1550	48 / 1220	20	3	PH-23	7.7 / 3.5	2.4 / 1105
VESTA 203AGH	22.4 / 570	61 / 1550	48.2 / 1255	20	3	GH-45	7.7 / 3.5	2.5 / 1120
VESTA 204AP	20.5 / 520	61 / 1550	49.4 / 1255	20	4	PH-23	7.7 / 3.5	2.5 / 1132



PERFECT PARTNERS



01 VESTA 460A [PI2]



02 VEO PA-65 [PI2]



VESTA 203AGH

VESTA 233AP

360° Rotating Camera Top Plate – Use for Vertical Camera Position or for 360° Panoramic Images

Quick release plate with anti-twist pin holds your camera SECURELY

# VEO PH-28/26 2-WAY PAN HEAD

The Vanguard VEO 2-way pan head that allows one-handed control for video or spotting scopes, leaving your other hand free to operate controls with ease includes a long quick shoe with safety pin that offers a double security feature and helps to prevent your camera or other equipment from accidentally falling when it is being adjusted



VEO PH-28



QS-61P



VEO PH-26



QS-71P



Complete control through single handle



Telescopic long handle (Easy to fold)

	LATERAL TILT°	FRONTAL TILT°	ROTATION°	WEIGHT [LBS / G]	MAX LOAD [LBS / KG]
VEO PH-28	/	~60°~90°	360°	1.4 / 639.5	17.6 / 8
VEO PH-26	/	/	360°	1.1 / 510	13.2 / 6
VEO PV-20	/	0° TO +90°	360°	2.2 / 1096	13.2 / 6
VEO PV-18	/	0° TO +90°	360°	1.6 / 730	8.8 / 4

# VEO PV-20/18 VIDEO PAN HEAD

Spring counterbalance to help operate heavy equipment. Smooth pan and tilt. Long handle for greater precision and torque. Magnesium alloy construction.



VEO PV-20

Pan Handle attachable on both right and left side



QS-67

Twist Lock For folding and extending



VEO PV-18

2 Direction Bubble level

Smooth- Fluid Mechanism

Locking knob (Tilt)



QS-61P

## VEO CP KIT VEO CP-65 KIT/VEO CP-46 KIT/VEO SPH

Clamp + Magic Arm + Smartphone Holder = Your camera/smartphone can be connected to many objects around you, more shooting angles, and capture wonderful moments.

### VEO CP-65 KIT



65 mm Clamp



Support Arm L



Smartphone Holder

### VEO CP-46 KIT



46 mm Clamp



Support Arm M



Smartphone Holder



VEO CP-65 KIT

	LENGTH [IN / MM]	WIDTH [IN / MM]	HEIGHT [IN / MM]	MAX LOAD [LBS / KG]	WEIGH [LBS / G]	SIZE RANGE [IN / MM]
<b>VEO CP65</b>	3.3 / 82.5	0.8 / 20	3.5 / 89	5.5 / 2.5	0.4 / 159	2.6 / 65
<b>VEO CP46</b>	2.7 / 68	0.8 / 20	3.3 / 82.5	3.3 / 1.5	0.3 / 132	1.8 / 46
<b>VEO SPH</b>	3.6 / 91	3.1 / 78	4.3 / 110	-	0.4 / 181	2.2-3.5 / 57-90

## VEO QS-360 ARCA-COMPATIBLE 360° QUICK SHOE

Clamp + Magic Arm + Smartphone Holder = Your camera/smartphone can be connected to many objects around you, more shooting angles, and capture wonderful moments.



VEO QS-360



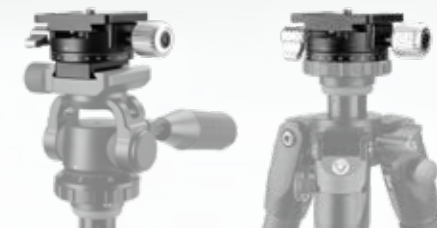
New "Stop System"



Rotates 360°



Anti-rotation Pin



## VEO LVL-60 ARCA-COMPATIBLE 360° QUICK SHOE

Clamp + Magic Arm + Smartphone Holder = Your camera/smartphone can be connected to many objects around you, more shooting angles, and capture wonderful moments.



VEO LVL-60



Can be rotated to adjust 15°~15°



3/8" to 1/4" adapter included





# SHOOTING SUPPORTS

## ENDEAVOR GM-70/303AGM/303CGM/T263AGM

Clamp + Magic Arm + Smartphone Holder = Your camera/smartphone can be connected to many objects around you, more shooting angles, and capture wonderful moments.



Buffer Spring Provides Solid Shooting



Adjustable Leg Angle



Quick Shoe System for Fast Firearm Attachment



ENDEAVOR GM-70

	LENGTH [IN / MM]	WIDTH [IN / MM]	HEIGHT [IN / MM]	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
<b>ENDEAVOR GM-70</b>	5.6 / 143	3.9 / 99	3.8 / 98	55.1 / 25	1.8 / 815

	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	LEG DIAM. [MM]	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
<b>ENDEAVOR 303AGM</b>	33.3 / 845	70.3 / 1785	30	55.1 / 25	7.1 / 3240
<b>ENDEAVOR 303CGM</b>	33.3 / 845	70.3 / 1785	30	55.1 / 25	6.3 / 2855
<b>ENDEAVOR T263AGM</b>	12.7 / 325	27 / 685	17	0.9 / 430	0.9 / 430



# EQUALIZER

Featuring rapid deployment and unbeatable stability, the equalizer series takes on an array of terrains with feet that convert from metal spikes to rubber. Models enable various shooting positions from prone to sitting or kneeling

## EQUALIZER QS

Equalizer QS has a picatinny rail system that allows shooters to attach and detach firearms faster than ever. Hunters appreciate its quick leg deployment. Its Pull and Position leg adjustment system enables you to quickly and safely reposition. A buffer spring reduces shock and vibration while providing a solid shooting base.



Buffer Spring Provides Solid Shooting



Adjustable Leg Angle



Quick Shoe System for Fast Firearm Attachment

## EQUALIZER

Compact and lightweight, Equalizer is a big hit for those wanting a pivoting bipod with a low profile for quick deployment. It has a unique Pull and Position leg adjustment system that enables you to quickly and safely reposition. Metal spiked feet easily convert to rubber and provide extra stability in multiple terrains.



Easy Pull & Position Leg Adjustment System



-30° to +30° Swing Angle



Buffer Spring Provides Solid Shooting



EQUALIZER

EQUALIZER QS

	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	LEG DIAM. [MM]	WEIGHT [LBS / G]
<b>EQUALIZER IQS</b>	6.9 / 176	10 / 255	14	0.7 / 320
<b>EQUALIZER 2QS</b>	11 / 277	28 / 715	17	1 / 453
<b>EQUALIZER 2</b>	12.7 / 325	27 / 685	17	0.9 / 430

# VEO 2

The VEO2 shooting stick is perfect for kneeling or standing when shooting a gun or crossbow. The 1/4"-20 thread can be used to support cameras, spotting scopes, binoculars, range finders, and GoPro's.



VEO 2 AM-234TU



U-YOKE

Fins provide ultra secure grip On firearm

	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	LEG DIAM. [MM]	WEIGHT [LBS / G]
<b>VEO 2 AM-234TU</b>	244 / 620	62.6 / 1590	23	1.95 / 885
<b>VEO 2 CM-234TU</b>	244 / 620	62.6 / 1590	23	1.78 / 809





# QUEST

Quest is an all in one durable shooting stick. Quest helps you handle the elements with a soft foam, contoured hand grip and anti-slip rubber feet. It's removeable U-shaped yoke with rubber fins swivels 360° so you can make shots at every angle without repositioning the shooting stick. Remove the U-shaped yoke and use its universal 1/4 thread bolt with spotting scopes or cameras.



360° "U" Yoke Provides Ultra Secure Grip



Leg Brace w/ 360° Positioning (Quest T62U only)



All Weather Foam Grips



	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	LEG DIAM. [MM]	WEIGHT [LBS / G]
<b>QUEST</b> T62U	27.5 / 700	62 / 1575	20	2.2 / 1000
<b>QUEST</b> M49	22 / 560	49 / 1245	20	0.66 / 300
<b>QUEST</b> M62	26.3 / 670	62 / 1575	20	0.77 / 350
<b>QUEST</b> B38	19.1 / 485	38 / 965	20	1.14 / 520
<b>QUEST</b> B62	27.1 / 690	62 / 1575	20	1.43 / 650

# SCOUT

Made of lightweight and durable aluminum alloy, Scout is designed for on-the-go hunters. Its V-shaped yoke is rubber-lined for greater stability for your gun, and it swivels 360 degrees for shots from any angle. Quick flip leg locks make height adjustment quick and easy. Available as a bipod or monopod.



360° "V" Yoke Provides Ultra Secure Grip



Adjustable Legs Strap (Bi-Pod Models Only)



All Weather Foam Grips



	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	LEG DIAM. [MM]	WEIGHT [LBS / G]
<b>SCOUT</b> M62	22 / 560	62 / 1575	20	0.57 / 260
<b>SCOUT</b> B62	22.2 / 565	49 / 1245	20	1.1 / 500





## VEO 2 WINDOW MOUNTS

With the new VEO2 window mounts by Vanguard you can cover miles of country without missing any of the details. Comfortable and smooth viewing is attained by the superior mechanical design and quality components engineered into these window mounts. Two models are available to accommodate the user's preference of either a pan head or a rotating ball head design.



VEO2 PH-28WM



VEO2 BH-50WM



Strong Clamp Grip

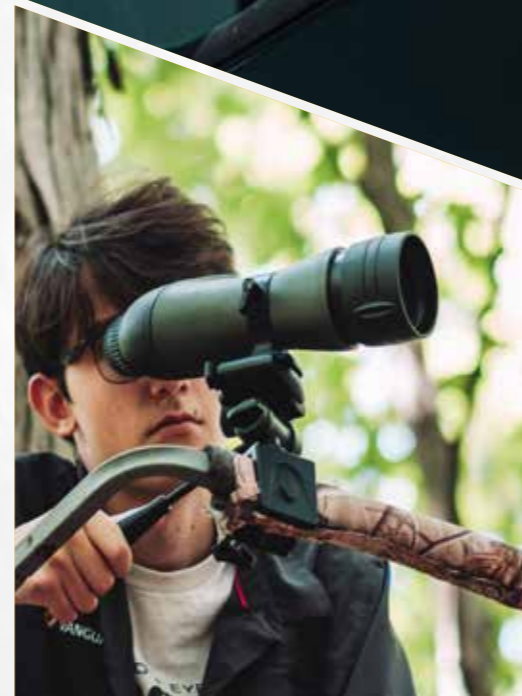
## PH WINDOW MOUNTS

No tripod? PH pan head window mounts have unique bases and non-slip platforms. They easily attach to vehicle windows, tripods, tubular structures, blinds and others, enabling steady use of cameras, camcorders or spotting scopes for effortless panning



PH 304

	LATERAL TILT°	FRONTAL TILT°	ROTATION°	WEIGHT [LBS / G]	MAX LOAD [LBS / KG]
VEO2 PH-28WM	/	-60° TO +90°	360°	1.5 / 711	8.8 / 4
VEO2 BH-50WM	-91° TO +40°	/	360°	1.4 / 675	11 / 5
PH 304	+90° TO -60°	0° TO +90°	360°	1.6 / 730	8.8 / 4



## PORTA-AIM PORTABLE GUN REST

Constructed of rugged aluminum, the Porta-Aim gun rest provides stable shooting support in an easily portable device for the fast-action hunter. Porta-Aim enables users to get on target—and stay there—with a 360-degree swiveling bag.



Anti-Vibration Pillow



Quick Single-Handed Height Adjustment Ring

	LENGTH [IN / MM]	WIDTH [IN / MM]	HEIGHT [IN / MM]	WEIGHT [LBS / G]
PORTA-AIM	12.2 / 310	5.7 / 145	8.8-12.6 / 225-320	1.7 / 798

## ESPOD CX TABLE TRIPOD

The Vanguard Espod CX 1 is a compact table tripod that is ideal for backpackers and outdoor enthusiasts. It securely holds cameras and spotting scopes up to 5.5 lb yet maintains a lightweight design so you can tote it with you on a hike or hunt. It has a two-way pan head and easy-adjust aluminum alloy 3-section legs with quick release lever locks. It has a black finish and rubber feet.



Quick Release Quick Shoe (10S Model)



Quick Flip Leg Locks

	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	LEG SECT.	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
ESPOD CX I	11.6 / 295	21.3 / 540	3	5.5 / 2.5	1.47 / 665
ESPOD CX I OS	14.8 / 375	24.4 / 620	3	6.6 / 3	2.1 / 934





## VESTA TT1

The VESTA TT1 aluminum table top tripod kit with smart phone holder is a small, ergonomic, stable table top tripod capable of holding smartphones, sport optics, and supporting cameras up to 2kg/4.4 lbs



VESTA TT1



Available in 4 Color options



Multi-angle viewing Or shooting

## VS-82

The VS-82 is a compact, lightweight and convenient to use tabletop tripod. Its 2-way panhead and 360 degree rotation are ideal for spotting scope use.



VS-82



Adjustable Center Column



360° Swiveling 2-way Pan Head

	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
VESTA TT1	6.89 / 175	3.94 / 100	44 / 2	0.34 / 156
VS-82	10 / 255	9.25 / 235	5.5 / 2.5	0.94 / 430



## QUICK SHOES

QS quick release plates make attaching and removing your camera a breeze, securely keeping your gear in position.

### QS-72T

- Arca Swiss compatible with built in Smartphone holder



### QS-65

- 1/4" camera screw & pin with D-ring
- Arca-compatible



### QS-71P

- 1/4" camera screw & pin with D-ring
- Arca-compatible



### QS-61P

- 1/4" camera screw & pin with D-ring
- Arca-compatible



### QS-67

- 1/4" camera screw & pin with D-ring
- Arca-compatible



### QS-60 V2

- 1/4" camera screw & pin with D-ring
- Arca-compatible



### QS-36

- 1/4" camera screw & pin with D-ring



### QS-29

- Anti-slip rubber pad
- 1/4" camera screw with D-ring & pin







# ENDEAVOR SLINGS

## 203B/203C/201B/201G

- 3"+ Wide Shoulder Pad provides all-day comfort
- Shoulder pad is durable yet flexible to reduce shoulder pressure
- Anti-Slip Texture and Thicker Pad for better carrying experience
- Thumb loop for easy transport
- Quick Adjustable ladder lock buckle to sling length up to 44 inches
- 203B/203C Pockets for Mini-Tool Knife, MiniFlash Light and Other Accessories
- Rust Resistant Quick Detach/Attach Swivel hardware included

## 150G/101B/101C

- Shoulder pad is durable yet flexible to reduce shoulder pressure
- Anti-Slip Material for better carrying experience
- Thumb loop for easy transport
- Quick Adjustable ladder lock buckle to sling length up to 45.25 inches
- "W type" heavy duty reinforced sewn ends
- Rust Resistant Quick Detach/Attach Swivel hardware included

## 301B

- High Density Rubber Armored Strap
- Durable, Lightweight, Anti-Slip, Anti-Scratch and All Weather Proof
- Thumb loop for easy transport
- Quick Adjustable ladder lock buckle to sling length up to 45.25 inches
- "Z" style construction allows for maximum grip and flexibility
- Could work properly as low -40° F to as high 185° F
- Rust Resistant Quick Detach/Attach Swivel hardware included



	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
<b>ENDEAVOR HD 82A</b>	20~60 X 82	110~52 FT /1,000 YDS   37~17 M /1,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	63.8 OZ   1810 G
<b>ENDEAVOR HD 65A</b>	15~45 X 65	144~68 FT /1,000 YDS   48~23 M /1,000 M	14.8~18 FT   4.5~5.5 M	19~20 MM	51.1 OZ   1450 G
<b>ENDEAVOR XF 80A</b>	20~60 X 80	110~52 FT /1,000 YDS   37~17 M /1,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	59.3 OZ   1680 G
<b>ENDEAVOR XF 60A</b>	15~45 X 60	141~68 FT /1,000 YDS   47~23 M /1,000 M	16.4~19.7 FT   5~6 M	19~20 MM	45.1 OZ   1280 G
<b>VEO HD 80A</b>	20~60 X 80	110~52 FT /1,000 YDS   37~17 M /1,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	54.7 OZ   1550 G
<b>VEO HD 60A</b>	15~45 X 60	141~68 FT /1,000 YDS   47~23 M /1,000 M	16.4~19.7 FT   5~6 M	19~20 MM	42.5 OZ   1205 G
<b>VESTA 560A</b>	15~45 X 60	104~63 FT /1,000 YDS   35~21 M /1,000 M	26.3~29.5 FT   8~9 M	16~21 MM	45.7 OZ   1293 G
<b>VESTA 460A</b>	15~50 X 60	125~57 FT /1,000 YDS   42~19 M /1,000 M	32.8~39.4 FT   10~12 M	11 MM	21.5 OZ   609 G
<b>VESTA 350A</b>	12~45 X 50	157~52 FT /1,000 YDS   52~17 M /1,000 M	19.7~21.3 FT   6~6.5 M	11 MM	21.2 OZ   600 G

## BINOCULARS & MONOCULARS SPEC

	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
<b>ENDEAVOR ED IV 1042</b>	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	5.9 FT   1.8 M	19 MM	56~74 MM	27.7 OZ   786 G
<b>ENDEAVOR ED IV 8420</b>	8 X 42	377 FT /1,000 YDS   126 M /1,000 M	5.9 FT   1.8 M	19 MM	56~74 MM	27.7 OZ   786 G
<b>ENDEAVOR ED II 1042</b>	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	6.6 FT   2 M	18 MM	56~74 MM	27.2 OZ   770 G
<b>ENDEAVOR ED II 8420</b>	8 X 42	377 FT /1,000 YDS   126 M /1,000 M	6.6 FT   2 M	19.5 MM	56~74 MM	27.2 OZ   770 G
<b>ENDEAVOR ED 1042</b>	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	8.2 FT   2.5 M	16.5 MM	58~74 MM	25.8 OZ   730 G
<b>ENDEAVOR ED 8420</b>	8 X 42	367 FT /1,000 YDS   122 M /1,000 M	6.6 FT   2 M	19 MM	58~74 MM	25.8 OZ   730 G
<b>ENDEAVOR ED 8320</b>	8 X 32	377 FT /1,000 YDS   126 M /1,000 M	6.6 FT   2 M	17.5 MM	55~74 MM	19.1 OZ   540 G
<b>VEO HD IV 1042</b>	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	5.9 FT   1.8 M	19 MM	56~74 MM	27.7 OZ   786 G
<b>VEO HD IV 8420</b>	8 X 42	377 FT /1,000 YDS   126 M /1,000 M	5.9 FT   1.8 M	19 MM	56~74 MM	27.7 OZ   786 G
<b>VEO HD 2 1042</b>	10 X 42	340 FT /1,000 YDS   114 M /1,000 M	6.5 FT   2 M	18 MM	58~74 MM	25.4 OZ   720 G
<b>VEO HD 2 8420</b>	8 X 42	374 FT /1,000 YDS   124 M /1,000 M	6.5 FT   2 M	19 MM	55~74 MM	25.4 OZ   720 G
<b>VEO HD 2 1042M</b>	10 X 42	342 FT /1,000 YDS   114 M /1,000 M	6.5 FT   2 M	18 MM	-	11.5 OZ   325 G
<b>VEO HD 1042</b>	10 X 42	342 FT /1,000 YDS   114 M /1,000 M	6.6 FT   2 M	18 MM	58~74 MM	27.1 OZ   767 G
<b>VEO HD 8420</b>	8 X 42	372 FT /1,000 YDS   124 M /1,000 M	6.6 FT   2 M	19 MM	58~74 MM	26.8 OZ   760 G
<b>VEO ED 1250</b>	12 X 50	251 FT /1,000 YDS   84 M /1,000 M	11.5 FT   3.5 M	18 MM	60~75 MM	26.8 OZ   760 G
<b>VEO ED 1050</b>	10 X 50	282 FT /1,000 YDS   94 M /1,000 M	9.8 FT   3 M	19 MM	59.5~75 MM	27.6 OZ   782 G
<b>VEO ED 1042</b>	10 X 42	314 FT /1,000 YDS   105 M /1,000 M	9.2 FT   2.8 M	16 MM	55~75 MM	22.6 OZ   640 G
<b>VEO ED 8420</b>	8 X 42	330 FT /1,000 YDS   110 M /1,000 M	8.2 FT   2.5 M	19 MM	55~75 MM	22.6 OZ   640 G
<b>VEO ED 8420M</b>	8 X 42	324 FT /1,000 YDS   108 M /1,000 M	8.2 FT   2.5 M	19 MM	-	10.6 OZ   300 G
<b>VEO XF 1042</b>	10 X 42	332 FT /1,000 YDS   111 M /1,000 M	6.9 FT   2.1 M	16 MM	57~74 MM	-
<b>VEO XF 8420</b>	8 X 42	409 FT /1,000 YDS   136 M /1,000 M	6.9 FT   2.1 M	20 MM	57~74 MM	-
<b>VESTA 1042</b>	10 X 42	298 FT /1,000 YDS   100 M /1,000 M	6.9 FT   2.1 M	17 MM	56~74 MM	20.8 OZ   590 G
<b>VESTA 1025</b>	10 X 25	330 FT /1,000 YDS   110 M /1,000 M	8.2 FT   2.5 M	10 MM	56~74 MM	9.88 OZ   280 G
<b>VESTA 8420</b>	8 X 42	325 FT /1,000 YDS   108 M /1,000 M	6.9 FT   2.1 M	19 MM	56~74 MM	21.5 OZ   610 G
<b>VESTA 8250</b>	8 X 25	340 FT /1,000 YDS   114 M /1,000 M	8.2 FT   2.5 M	12.5 MM	56~74 MM	9.88 OZ   280 G
<b>VESTA 8320M</b>	8 X 32	392 FT /1,000 YDS   131 M /1,000 M	6.6 FT   2 M	17.7 MM	-	8.8 OZ   250 G

## TRIPODS SPEC

	LEG MATERIAL	FOLDED HEIGHT [IN / MM]	EXTENDED HT. [IN / MM]	STANDARD HT. [IN / MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	QUICK SHOE	MAX LOAD [LBS / KG]	WEIGHT [LBS / G]
<b>VEO 3 303AV20</b>	ALUMINUM	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	QS-67	13.2 / 6	7.1 / 3241
<b>VEO 3 303CV20</b>	CARBON FIBER	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	QS-67	13.2 / 6	6.4 / 2894
<b>VEO 3 303AV18</b>	ALUMINUM	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-18	QS-67	13.2 / 6	6.4 / 2894
<b>VEO 3 303CV18</b>	CARBON FIBER	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-18	QS-67	13.2 / 6	6.4 / 2894
<b>VEO 3 263AV16</b>	ALUMINUM	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-16	QS-67	13.2 / 6	6.4 / 2894
<b>VEO 3 264AV16</b>	ALUMINUM	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	QS-67	13.2 / 6	6.4 / 2894
<b>VEO 3 264AV16 LVL</b>	ALUMINUM	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	QS-67	13.2 / 6	6.4 / 2894

**TRIPPODS SPEC**

	LEG MATERIAL	FOLDED HEIGH [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
<b>NEW</b> VEO 3 263CVI6	CARBON FIBER	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	QS-67	13.2 / 6	64 / 2894
<b>NEW</b> VEO 3 264CVI6	CARBON FIBER	284 / 722	71.3 / 1810	57.9 / 1472	30	3	VEO PV-20	QS-67	13.2 / 6	64 / 2894
<b>NEW</b> VEO 3 264AVI5	ALUMINUM	22.6 / 575	61.2 / 1555	48.3 / 1227	26	4	VEO PV-15	QS-6IP	11 / 5	5.3 / 2400
<b>NEW</b> VEO 3 264CVI5	CARBON FIBER	22.6 / 575	61.2 / 1555	48.3 / 1227	26	4	VEO PV-15	QS-6IP	11 / 5	4.8 / 2200
<b>NEW</b> VEO 3 303AB	ALUMINUM	29.3 / 745	72.1 / 1831	58.8 / 1495	30	3	VEO BH-250S	QS-62V3	55.1 / 25	5.7 / 2585
<b>NEW</b> VEO 3 304AB	ALUMINUM	26.2 / 665	71.9 / 1826	58.8 / 1494	30	4	VEO BH-250S	QS-62V3	55.1 / 25	5.7 / 2586
<b>NEW</b> VEO 3 263AB	ALUMINUM	29.1 / 738	70.7 / 1795	57.7 / 1465	26	3	VEO BH-160S	QS-62V3	33.1 / 15	4.7 / 2142
<b>NEW</b> VEO 3 303CB	CARBON FIBER	29.3 / 745	72.1 / 1831	58.8 / 1495	30	3	VEO BH-250S	QS-62V3	55.1 / 25	4.9 / 2238
<b>NEW</b> VEO 3 304CB	CARBON FIBER	26.2 / 665	71.9 / 1826	58.8 / 1494	30	4	VEO BH-250S	QS-62V3	55.1 / 25	4.98 / 2259
<b>NEW</b> VEO 3 263CB	CARBON FIBER	29.1 / 738	70.7 / 1795	57.7 / 1465	26	3	VEO BH-160S	QS-62V3	33.1 / 15	4.2 / 1900
<b>NEW</b> VEO 3 263AO	ALUMINUM	27.9 / 708	69.4 / 1763	56.4 / 1432	26	3	VEO PH-28	QS-6IP	17.6 / 8	5.2 / 2360
<b>NEW</b> VEO 3 264AO	ALUMINUM	22.6 / 575	61.2 / 1555	48.3 / 1227	26	4	VEO PH-28	QS-6IP	17.6 / 8	5.1 / 2320
<b>NEW</b> VEO 3 233AO	ALUMINUM	25 / 636	61.2 / 1555	49.2 / 1250	23	3	VEO PH-26	QS-7IP	13.2 / 6	4.1 / 1860
<b>NEW</b> VEO 3 263CO	CARBON FIBER	27.9 / 708	69.4 / 1763	56.4 / 1432	26	3	VEO PH-28	QS-6IP	17.6 / 8	4.6 / 2100
<b>NEW</b> VEO 3 264CO	CARBON FIBER	22.6 / 575	22.6 / 575	48.3 / 1227	26	4	VEO PH-28	QS-6IP	17.6 / 8	4.7 / 2120
<b>NEW</b> VEO 3 233CO	CARBON FIBER	25 / 636	61.2 / 1555	49.2 / 1250	23	3	VEO PH-26	QS-7IP	13.2 / 6	3.7 / 1680
<b>NEW</b> VEO 3T 265HABP	ALUMINUM	17.3 / 439	65.4 / 1660	50.2 / 1275	26	5	VEO BP-120T	QS-72T	264 / 12	4.7 / 2115
<b>NEW</b> VEO 3T 235ABP	ALUMINUM	16.1 / 410	61.0 / 1550	45.5 / 1155	23	5	VEO BP-50T	QS-72T	17.6 / 8	3.8 / 1745
<b>NEW</b> VEO 3T 204ABP	ALUMINUM	15.9 / 405	55.1 / 1400	40.9 / 1040	20	4	VEO BP-45T	QS-72T	8.8 / 4	3.3 / 1490
<b>NEW</b> VEO 3TT 233ABP	ALUMINUM	9.7 / 245	22.1 / 560	19.1 / 486	23	3	VEO BP-50T	QS-72T	17.6 / 8	2.6 / 1161
<b>NEW</b> VEO 3TT 203ABP	ALUMINUM	9.1 / 225	19.7 / 500	57.7 / 443	20	3	VEO BP-45T	QS-72T	8.8 / 4	2.2 / 977
<b>NEW</b> VEO 3T 265HCBP	CARBON FIBER	17.3 / 439	65.4 / 1660	50.2 / 1275	26	5	VEO BP-120T	QS-72T	264 / 12	4.2 / 1910
<b>NEW</b> VEO 3T 235CBP	CARBON FIBER	16.1 / 410	61.0 / 1550	45.5 / 1155	23	5	VEO BP-50T	QS-72T	17.6 / 8	3.5 / 1600
<b>NEW</b> VEO 3T 204CBP	CARBON FIBER	15.9 / 405	55.1 / 1400	40.9 / 1040	20	4	VEO BP-45T	QS-72T	8.8 / 4	3.0 / 1375
<b>NEW</b> VEO 3TT 233CBP	CARBON FIBER	9.7 / 245	22.1 / 560	19.1 / 486	23	3	VEO BP-50T	QS-72T	17.6 / 8	2.4 / 1101
<b>NEW</b> VEO 3T 235AP	ALUMINUM	16.1 / 410	60.4 / 1535	44.9 / 1140	23	5	VEO PH-20	QS-65	13.2 / 6	3.6 / 1648
<b>NEW</b> VEO 3TT 233AP	ALUMINUM	9.7 / 245	21.2 / 538	18.4 / 446	23	3	VEO PH-20	QS-65	13.2 / 6	2.4 / 1100
<b>NEW</b> VEO 3T 235CP	CARBON FIBER	16.1 / 410	60.4 / 1535	44.9 / 1140	23	5	VEO PH-20	QS-65	13.2 / 6	3.3 / 1498
<b>NEW</b> VEO 3G0 265HAB	ALUMINUM	16.1 / 410	65.5 / 1665	49.6 / 1260	26	5	ALTA BH-102	QS-60 V2	22 / 10	3.6 / 1659
<b>NEW</b> VEO 3G0 235AB	ALUMINUM	12.9 / 330	53.5 / 1360	41.7 / 1060	23	5	T-50	QS-65	11 / 5	2.7 / 1225
<b>NEW</b> VEO 3G0 204AB	CARBON FIBER	13.6 / 345	51.5 / 1310	39.8 / 1010	20	4	T-45	QS-65	6.6 / 3	2.1 / 945
<b>NEW</b> VEO 3G0 265HCB	CARBON FIBER	65.5 / 1665	65.5 / 1665	49.6 / 1260	26	5	ALTA BH-102	QS-60 V2	22 / 10	3.1 / 1415
<b>NEW</b> VEO 3G0 235CB	CARBON FIBER	12.9 / 330	53.5 / 1360	41.7 / 1060	23	5	T-50	QS-65	11 / 5	2.3 / 1065
<b>NEW</b> VEO 3G0 204CB	CARBON FIBER	13.6 / 345	51.6 / 1310	39.8 / 1010	20	4	T-45	QS-65	6.6 / 3	1.8 / 816
<b>NEW</b> VEO 3G0 235AP	ALUMINUM	134 / 340	534 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	QS-65	7.7 / 3.5	2.7 / 1239
<b>NEW</b> VEO 3G0T 233AP	ALUMINUM	134 / 340	534 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	QS-65	7.7 / 3.5	2.7 / 1239

**TRIPPODS SPEC**

	LEG MATERIAL	FOLDED HEIGH [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM. [MM]	LEG SECT.	HEAD	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
<b>NEW</b> VEO 3G0T 203AP	ALUMINUM	134 / 340	534 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	VEO 2 PH-25	7.7 / 3.5	2.7 / 1239
<b>NEW</b> VEO 3G0 235CP	CARBON FIBER	134 / 340	534 / 1335	41.6 / 1058	23	5	VEO 2 PH-25	QS-65	7.7 / 3.5	2.4 / 1080
<b>NEW</b> VEO 3G0 204CP	CARBON FIBER	142 / 360	52.6 / 1335	40.1 / 1018	20	4	VEO 2 PH-25	QS-65	7.7 / 3.5	2.1 / 947
<b>NEW</b> VEO 2PRO 263AO	ALUMINUM	24 / 610	63 / 1600	50.8 / 1290	26	3	VEO 2 PH-28	QS-6IP	11 / 5	4.24 / 1926
<b>NEW</b> VEO 2PRO 233AO	ALUMINUM	22 / 560	57.5 / 1460	45.7 / 1160	23	3	VEO 2 PH-28	QS-6IP	8.8 / 4	3.71 / 1683
<b>NEW</b> VEO 2PRO 203AO	ALUMINUM	22 / 560	57.5 / 1460	45.9 / 1165	20	3	VEO 2 PH-26	QS-60 V2	6.6 / 3	3.14 / 1425
<b>NEW</b> VESTA TB 235AB	ALUMINUM	14.8 / 375	56.3 / 1430	48.6 / 1235	23	5	T-51	QS-65	9.9 / 4.5	2.65 / 1200
<b>NEW</b> VESTA TB 204AB	ALUMINUM	14.8 / 375	51.1 / 1300	41.5 / 1055	20	4	T-46	QS-65	6.6 / 3	2.06 / 934
<b>NEW</b> VESTA TB 204ABS	ALUMINUM	12.4 / 315	39.7 / 1010	35.4 / 900	20	4	T-46	QS-65	6.6 / 3	1.82 / 825
<b>NEW</b> VESTA TB 235CB	CARBON FIBER	14.8 / 375	56.3 / 1430	48.6 / 1235	23	5	T-51	QS-65	9.9 / 4.5	2.27 / 1031
<b>NEW</b> VESTA TB 204CB	CARBON FIBER	14.8 / 375	51.1 / 1300	41.5 / 1055	20	4	T-46	QS-65	6.6 / 3	1.77 / 802
<b>NEW</b> VESTA 233AP	ALUMINUM	22.9 / 582	61 / 1550	48.1 / 1221	23	3	PH-23	QS-29	7.7 / 3.5	2.8 / 1275
<b>NEW</b> VESTA 203AP	CARBON FIBER	22.4 / 570	61 / 1550	48 / 1220	20	3	PH-23	QS-29	7.7 / 3.5	2.4 / 1105
<b>NEW</b> VESTA 203AGH	CARBON FIBER	22.4 / 570	61 / 1550	48.2 / 1255	20	3	GH-45	QS-29	7.7 / 3.5	2.5 / 1120
<b>NEW</b> VESTA 204AP	ALUMINUM	20.5 / 520	61 / 1550	49.4 / 1255	20	4	PH-23	QS-29	7.7 / 3.5	2.5 / 1132
<b>NEW</b> ESPOD CX I	ALUMINUM	11.6 / 295	21.3 / 540	-	-	3	-	-	5.5 / 2.5	1.47 / 665
<b>NEW</b> ESPOD CX I OS	ALUMINUM	14.8 / 375	24.4 / 620	-	-	3	3 WAY PAN HEAD	QS-14	6.6 / 3	2.1 / 934
<b>NEW</b> VESTA TTI	ALUMINUM	6.89 / 175	3.94 / 100	-	-	-	BALL HEAD	-	4.4 / 2	0.34 / 156
<b>NEW</b> VS-82	ALUMINUM	10 / 255	9.25 / 235	-	-	-	-	-	5.5 / 2.5	0.94 / 430

**SHOOTING SUPPORT SPEC**

	FOLDED HEIGH [IN/MM]	EXTENDED HT. [IN/MM]	LEG DIAM. [MM]	WEIGHT [LBS/G]
<b>NEW</b> ENDEAVOR 303AGM	134 / 340	534 / 1335	23	2.7 / 1239
<b>NEW</b> ENDEAVOR 303CGM	134 / 340	534 / 1335	23	2.4 / 1080
<b>NEW</b> EQUALIZER IQS	6.9 / 176	10 / 255	14	0.7 / 320
<b>NEW</b> EQUALIZER 2QS	11 / 277	28 / 715	17	1 / 453
<b>NEW</b> EQUALIZER 2	12.7 / 325	27 / 685	17	0.9 / 430
<b>NEW</b> VEO 2 AM-234TU	244 / 620	62.6 / 1590	23	1.95 / 885
<b>NEW</b> VEO 2 CM-234TU	244 / 620	62.6 / 1590	23	1.78 / 809
<b>NEW</b> QUEST T62U	27.5 / 700	62 / 1575	20	2.2 / 1000
<b>NEW</b> QUEST M49	22 / 560	49 / 1245	20	0.66 / 300
<b>NEW</b> QUEST M62	26.3 / 670	62 / 1575	20	0.77 / 350
<b>NEW</b> QUEST B38	19.1 / 485	38 / 965	20	1.14 / 520
<b>NEW</b> QUEST B62	27.1 / 690	62 / 1575	20	1.43 / 650
<b>NEW</b> SCOUT M62	22 / 560	62 / 1575	20	0.57 / 260
<b>NEW</b> SCOUT B62	22.2 / 565	49 / 1245	20	1.1 / 500

**HEADS SPEC**

	LATERAL TILT [°]	FRONTAL TILT [°]	ROTATION [°]	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
<b>NEW</b> VEO PH-28	-	~60°~90°	360	QS-6IP	17.6 / 8	1.4 / 639.5
<b>NEW</b> VEO PH-26	-	-	360	QS-6IP	13.2 / 6	1.1 / 510
<b>NEW</b> VEO PV-20	-	~60°~90°	360	QS-67	13.2 / 6	2.2 / 1096
<b>NEW</b> VEO PV-18	-	-	360	1 / 453	1 / 453	1.5 / 711
<b>NEW</b> VEO2 PH-28WM	-	60° TO +90°	360	QS-6IP	8.8 / 4	1.4 / 675
<b>NEW</b> VEO2 BH-50WM	-91° TO +40°	-	362I	QS-6IP	11 / 5	11 / 5
<b>NEW</b> PH-304	+90° TO -60°	0° TO +90°	362I	-	8.8 / 4	1.6 / 730
<b>NEW</b> ENDEAVOR GM-70	-	-	-	-	-	-