

# **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**

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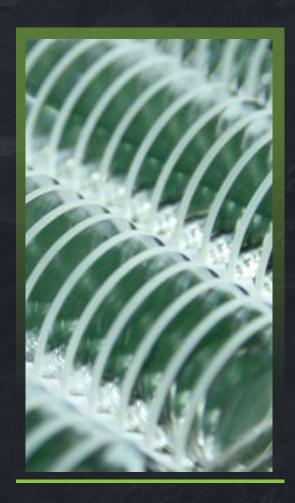
# **FACTORY**

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 FINSHED 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**



#### 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 DIOPTER 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.



#### TWO-/THREE-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

This denotes that you can mount your optics to a tripod or monopod for hands-free, stable viewing.

2024

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

**VEO HD IV** 

ENDEAVOR RL AGM/CGM G2 P32





VESTA GO AV/CV12



VESTA GO AV/CVIO P50



VEO 5 AV/CVI6 VEO 5 AV/CVI4 ENDEAVOR RL APR/CPR P33 VEO 5 AO/CO P44 P44 P46 VEO PV-14 P58 **VEO PV-16** P58 P58 VEO PV-12 VEO PV-10 P58





# **VEO HD IV**

The VEO HD IV spotting scope delivers top-notch optical quality for your adventures in the great outdoors. Extra-low dispersion HOYA ED glass ensures accurate color rendition and virtually eliminates color fringing. The lenses are fully multicoated to ensure optimal light transmission and feature a phasecoated BAK4 roof prism. It also provides a very impressive field of view. This scope is equipped with a large, smooth-focusing wheel for quick adjustments. It is nitrogen-filled, making it waterproof/fogproof for challenging weather conditions. The lightweight and durable carbon-composite body is well-balanced, so whether afield or at the range, VEO HD IV truly delivers.



		MAGNIFICATION & LENS SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
NEW	VEO HD IV 82A	25~60 X 82	104.4~57 FT / I,000 YDS   34.8~18.7 M / I,000 M	19.7~21.3 FT   6~6.5 M	18~22 MM	4.32 LBS   1960 G
NEW	VEO HD IV 65A	18.75~45 X 65	125.7~68 FT / 1,000 YDS   41.9~22.7 M / 1,000 M	19.7~21.3 FT   6~6.5 M	18~21 MM	3.43 LBS   1560 G

# **VEO HD**

Enjoy nature from afar wherever you go with the brilliantly engineered Vanguard HD spotting scope. Vanguard has continued to pursue the highest standards with our advanced manufacturing technology, enhancing this scope with carbon-composite housing. Stronger and lighter than aluminum, the composite material can effectively reduce vibration and improve the long-term stability of your optics. Additionally, the VEO HD's innovative multicoated lenses help increase light transmission and make images clearer and brighter.



<ul> <li>Premium Mitsubishi rubber arr</li> </ul>	nor
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● VEO HD 80A ⊕ VEO3 GO 265HAP ⊕ VEO PA-65

✓ VFO HD 60A ⊕ VFO3 GO 235AP ⊕ VFO PA-65.

	MAGNIFICATION & LENS SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
VEO HD 80A	20~60 X 80	IIO~52 FT / I,000 YDS   37~I7 M / I,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	3.41 LBS   1550 G
VEO HD 60A	15~45 X 60	141~68 FT / 1,000 YDS   47~23 M / 1,000 M	I6.4~I9.7 FT   5~6 M	19~20 MM	2.65 LBS   1205 G

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# **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 fully multicoated to ensure optimal light transmission and feature a phase-coated BAK4 prism. The Endeavor XF features an extendable rubber-covered eyecup and boasts impressive eye relief even at the highest zoom settings, along with a generous field of view. A built-in sunshield is included to eliminate glare in direct sunlight, and your scope comes with a padded raincoat with a sling for carrying and protection. Endeavor XF is equipped with a large, smooth-focusing wheel for quick adjustments. The Endeavor XF mounts directly to Vanguard tripod heads (and others) that are equipped with a universal mounting plate -- without the use of a quick shoe. The tripod mount on the angled scope rotates to give perfect viewing angles in a variety of situations, such as bench shooting and use with a window mount.



	MAGNIFICATION & LENS 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	3.70 LBS   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	2.82 LBS   1280 G

# **VESTA SPOTTING SCOPE KIT**

Vesta series spotting scopes are made for anyone who is new to using optics, or experienced users who are looking for something small and easy to carry afield. As a bonus, Vesta scopes are compatible with many sizes and styles of tripod heads for mounting. Vesta 350 and 460 models are small enough to fit in the side pocket of a backpack and work great on a tabletop or bench. In short, Vesta scopes are loaded with quality at a price that delivers an excellent value.



	MAGNIFICATION & LENS SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
VESTA 560A	15-45 X 60	104.4~62.6 FT / 1,000 YDS   34.8~20.9 M / 1,000 M	26.3~29.5 FT   8~9 M	16~21 MM	2.85 LBS   1293 G
VESTA 460A	15-50 X 60	125.3~57.4 FT / 1,000 YDS   41.7~19.1 M / 1,000 M	32.8~39.4 FT   10~12 M	II MM	1.34 LBS   609 G
VESTA 350A	12-45 X 50	I56.6~52.2 FT / I,000 YDS   52.2~I7.4 M / I,000 M	29.5~39.4 FT   9~I2 M	II MM	1.32 LBS   600 G





### **VEO HD IV**

Vanguard's HD IV binoculars offer all of the features that you'd expect from a high-priced set -- but without the 4-figure price tag. These binoculars incorporate HOYA extra-low dispersion (ED) glass and phase-corrected SK-15 prisms, which work together to virtually eliminate chromatic aberration and produce images with true color fidelity across the entire field of view.



- Premium ED Glass ensures fine detail and brilliant colors
- Advanced multi-layer coating provides more than 92% light transmission



**VEO HD IV 1042** 

- 3-stage twist eyecups
- Durable magnesium-alloy housing
- Center locking diopter adjustment
- 7 Layers of coatings

#### **VEO HD IV Now available in bundles**

- VEO HD IV 1042 VEO OPTIC GUARD H DLX BK VEO PA-62 BA-185
- VEO HD IV 8420 VEO OPTIC GUARD H DLX BK VEO PA-62 BA-185



	MAGNIFICATION POWER	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO HD IV 1042	10 X 42	340 FT / I,000 YDS   II4 M / I,000 M	5.9 FT   I.8 M	19 MM	56~74 MM	1.71 LBS   776 G
VEO HD IV 8420	8 X 42	377 FT / I,000 YDS   I26 M / I,000 M	5.9 FT   1.8 M	19 MM	56~74 MM	1.70 LBS   775 G

### VEO HD2

VEO HD2 binoculars 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. 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 of coatings
- Phase-corrected BAK4 roof prism
- Premium HOYA ED glass provides a true color viewing experience



VEO HD 2 1042

- 3-stage twist eyecups
- Soft grip center focusing wheel for comfortable viewing
- Premium Mitsubishi rubber armor
- New advanced carbon composite material

#### VEO HD2 Now available in bundles

- VEO HD2 1042 VEO OPTIC GUARD H BK VEO PA-62 BA-185



MAGNIFICATION POWER		FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO HD 2 1042	I0 X 42	340 FT / I,000 YDS   II4 M / I,000 M	6.5 FT   2 M	18 MM	58~74 MM	1.58 LBS   720 G
VEO HD 2 8420	8 X 42	374 FT / I,000 YDS   I24 M / I,000 M	6.5 FT   2 M	19 MM	58~74 MM	1.58 LBS   720 G

### **VEO HD**

VEO HD binoculars offer clear, vivid images thanks to extra-low-dispersion (ED) glass, which cuts out chromatic aberration and enhances color resolution and contrast. Vanguard's anti-reflective and fully multi-coated optical system improves light transmission for bright and clear images. A large, ergonomic center focus knob makes VEO HD binoculars easy to adjust. Plus, the three-stage twist-up eye cups ensure you can set the eye relief for viewing with or without eyeglasses. VEO HD bodies are made from lightweight, durable composite carbon.















- 7 layers of coatings
- Phase-corrected BAK4 roof prism
- Extra-low dispersion (ED) glass



**VEO HD 1042** 

- 3-stage twist eyecups
- New advanced carbon composite material
- Ergonomic thumb position

#### VEO HD Now available in bundles

- VEO HD 1042 VEO OPTIC GUARD H BK VEO PA-62







	MAGNIFICATION POWER	FICATION POWER FIELD OF VIEW		EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO HD 1042	10 X 42	342 FT / I,000 YDS   II4 M / I,000 M	6.6 FT   2 M	18 MM	58~74 MM	1.69 LBS   767 G
VEO HD 8420	8 X 42	372 FT / I,000 YDS   I24 M / I,000 M	6.6 FT   2 M	19 MM	58~74 MM	1.67 LBS   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. In short, VEO ED delivers true quality at a competitive price.



- 4 layers of coatings
- Waterproof and fogproof
- Extra-low dispersion (ED) glass



**VEO ED 1250** 

- 3-stage twist eyecups
- Oversized center focus wheel for easy control
- Premium Mitsubishi rubber armor
- Phase-corrected BAK4 roof prism

#### VEO ED Now available in bundles

- VEO ED 1042 VEO OPTIC GUARD H BK VEO PA-62







	MAGNIFICATION POWER	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	II.5 FT   3.5 M	18 MM	60~75 MM	1.67 LBS   760 G
VEO ED 1050	10 X 50	282 FT / I,000 YDS   94 M / I,000 M	9.8 FT   3 M	19 MM	59.5~75 MM	1.72 LBS   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	1.41 LBS   640 G
VEO ED 8420	8 X 42	330 FT / I,000 YDS   IIO M / I,000 M	8.2 FT   2.5 M	19 MM	55~75 MM	1.41 LBS   640 G

# **VEO XF**

Vanguard's VEO XF binoculars bring maximum value to the popular VEO optics series. These quality binoculars offer an array of features and are light to carry, balanced for comfort, and still tough enough to take what nature dishes out during your adventures. Fully multicoated lenses and industry standard BAK4 prism mean that you're getting excellent binoculars at an excellent price.



- 4 layers of coatings
- Waterproof and fogproof



**VEO XF 1042** 

- 3-stage twist eyecups
- Right diopter ring
- Large secure focus wheel

• Ergonomic thumb position

	MAGNIFICATION POWER	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO XF 1042	10 X 42	332 FT / I,000 YDS   III M / I,000 M	6.9 FT   2.1 M	16 MM	57~74 MM	1.41 LBS   640 G
VEO XF 8420	8 X 42	418 FT / 1,000 YDS   133 M / 1,000 M	6.9 FT   2.1 M	20 MM	57~74 MM	1.45 LBS   660 G

### **VESTA**

Vesta binoculars are designed for any traveler or hunter who is looking for value without compromising on performance. Vesta binoculars contain quality glass with a BAK4 roof prism design and multicoated optics for crisp resolution, clarity, color fidelity and light transmission. Each binocular is manufactured and assembled with a lightweight 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 binoculars deliver a quality design and performance and, most importantly, success afield.







- Ergonomic and durable body
- Lightweight yet durable housing



 Large center focus knob for fast and smooth ease of use

 Phase-corrected Bak4 roof prisms (BK7 in 8x25 and 10x25)

**VESTA 8420** 

	MAGNIFICATION POWER	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VESTA 1042	10 X 42	298 FT / I,000 YDS   I00 M / I,000 M	6.9 FT   2.1 M	17 MM	56~74 MM	1.30 LBS   590 G
VESTA 8420	8 X 42	325 FT / I,000 YDS   I08 M / I,000 M	6.9 FT   2.1 M	19 MM	56~74 MM	1.34 LBS   610 G
VESTA 1025	10 X 25	330 FT / I,000 YDS   II0 M / I,000 M	8.2 FT   2.5 M	10 MM	56~74 MM	0.61 LBS   280 G
VESTA 8250	8 X 25	340 FT / I,000 YDS   II4 M / I,000 M	8.2 FT   2.5 M	12.5 MM	56~74 MM	0.61 LBS   280 G

# **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 and enhanced contrast. The package includes a smartphone digiscoping adapter and Bluetooth remote so you can capture crisp, clear images on the go.



	MAGNIFICATION POWER	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
VEO HD 2 1042M	10 X 42	342 FT / I,000 YDS   II4 M / I,000 M	6.5 FT   2 M	18 MM	0.71 LBS   325 G

# **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 the VEO PA-62 smartphone adapter and a Bluetooth remote so you can capture your magnified subjects in photos or videos.

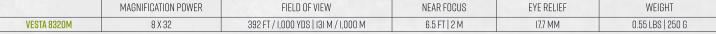


	MAGNIFICATION POWER	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
VEO ED 8420M	8 X 42	324 FT / I,000 YDS   108 M / I,000 M	8.2 FT   2.5 M	19 MM	0.66 LBS   300 G

# **VESTA 8320M**

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





### **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 eye pieces between 34-54 mm/1.3-2.1 inches



### **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.



### **VEO BA-185 ARCA**

The VEO BA-185 ARCA binocular tripod adapter fits onto any tripod quick-release plate or directly into the clamp of an Arcacompatible tripod head. This adapter helps to steady your binoculars for clear, relaxed, hands-free viewing. It works with any roof prism binocular that has a standard 1/4" thread tripod socket, and on most models, its thin bridge allows you to set your binocular to the minimum interpupillary distance.



### **VEO BA-185**

The VEO BA-185 binocular tripod adapter fits onto any tripod quick-release plate to steady your binoculars for clear, relaxed, hands-free viewing. It works with any roof prism binocular that has a standard 1/4" thread tripod socket, and on most models, its thin bridge allows you to set your binocular to the minimum interpupillary distance.



### **QUICK RELEASE HARNESS SYSTEM**

The VEO OPTIC GUARD series is the quintessential harness solution for passionate outdoorsmen 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 outdoor experience, the VEO OPTIC GUARD series is sure to enhance your overall experience.

#### **VEO OPTIC GUARD H DLX**

Strap Width: 1.0 In/25 mm Max load: 5.5 Lbs/2.5 kg Weight: 0.53 Lbs/240 g



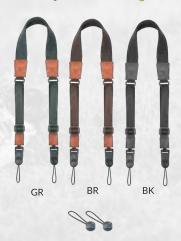
#### **VEO OPTIC GUARD H**

Strap Width: 1.0 In/25 mm Max load: 2.2 Lbs/1 kg Weight: 0.31 Lbs/140 g



#### **VEO OPTIC GUARD NS**

Strap Width: 1.0 In/25 mm Max load: 5.5 Lbs/2.5 kg Weight: 0.26 Lbs/120 g



#### **VEO OPTIC GUARD WS**

Strap Width: 1.0 In/25 mm Max load: 4.0 Lbs/1.8 kg Weight: 0.09 Lbs/40 g







### RIFLE SLINGS

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

- Shoulder pad is durable yet flexible to reduce shoulder pressure
- 3" wide shoulder pad provides all-day comfort
- Thumb loop for easy transport
- Anti-slip texture secures sling in place
- Quick adjustable ladder lock buckle to sling length up to 44 inches
- Pockets for mini-tool knife, mini-flashlight, and other accessories
- Rust-resistant quick-detach/attach swivel hardware included

#### ENDEAVOR 150G/101B/101C

- Shoulder pad is durable yet flexible to reduce pressure
- Anti-slip material secures sling in place
- Thumb loop for easy transport
- Quick-action ladder lock buckle to adjust sling length up to 45.25"
- W-type heavy-duty reinforced sewn edges
- Rust-resistant quick-detach/attach swivel hardware included

#### **ENDEAVOR 301B**

- High-density rubber armored strap
- Durable, lightweight, anti-slip, anti-scratch, and all-weatherproof
- Thumb loop for easy transport
- Quick-action ladder-lock buckle to adjust sling length up to 45.25 inches
- Z-style construction allows for maximum grip and flexibility
- Rust-resistant quick-detach/attach swivel hardware included











# SHOOTING SUPPORTS ENDEAVOR RL AGM/CGM

Endeavor RL shooting tripods are built to deliver a solid platform for precise shots at all distances, manufactured using advanced CNC engineering to deliver maximum performance and quality. The tripod features a removable leveling system with a handle that can rotate 360° with  $\pm 15^{\circ}$  vertical movement, allowing you to adjust your aim with ease, while the Endeavor GM-70 clamp allows you to mount a rifle or crossbow with ease.



Rubber pads on sides and base for secure grip



Large 30–70mm clamping range Accommodates most forearms



Level adjustment range: ±15°



3/8"-1/4" hole for mounting accessories such as a CP-65 Digiscoping Kit (arm not included)

	LENGTH [IN/MM]	WIDTH [IN/MM]	HEIGHT [IN/MM]	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
ENDEAVOR GM-70	5.63 / 143	3.9 / 99	3.46/88	55.1 / 25	1.8 / 815

		LEG MATERIAL	FOLDED HT. [IN/MM]	EXTENDED HT.	LEG DIAM [MM]	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
w	ENDEAVOR RL 303AGM G2	ALUMINUM	31.73 / 806	63.9 / 1623	30	55.1 / 25	6.98 / 3165
w	ENDEAVOR RL 303CGM G2	CARBON FIBER	31.73 / 806	63.9 / 1623	30	55.1 / 25	6.31 / 2865



NEV

### SHOOTING SUPPORTS ENDEAVOR RL APR/CPR

Endeavor RL APR and CPR (aluminum and carbon, respectively) shooting tripods give you the flexibility to connect with either a standard Arca plate QS-75P or a standard Picatinny rail. Simply lock into the clamp, flip the lever, and you're ready to take aim. The removable 75mm leveling half-ball with a convenient handle lets you control the mechanism to rotate 360 degrees and tilt+/-  $15^{\circ}$  - helping you find and follow your target quickly. Vanguard crafts these tripods using advanced CNC engineering for precision, performance, and reliability.



Lower clamp base fits any standard Picatinny rail attachment



Upper clamp is for a standard Arca plate QS-75P (Non-standard ARCA quick release plates can be fitted by adjusting the screw)



Half-ball adjustable by +/- 15 °



Quick-detach, easy-to-use lever lock



EXTENDED HT. LEG DIAM MAX LOAD FOLDED HT. WEIGHT LEG MATERIAL [IN/MM] [IN/MM1 [LBS/KG1 [LBS/G1 [ MM ] ENDEAVOR RL 303APR ALUMINUM 28.9 / 734 63.39 / 1610 30 55.1 / 25 5.18 / 2350 NEW NEW ENDEAVOR RL 303CPR **CARBON FIBER** 28.9 / 734 63.39 / 1610 55.1 / 25 4.52 / 2050

### SHOOTING SUPPORTS ENDEAVOR LAGM/CGM

Endeavor L shooting tripods are built to deliver a solid platform for precise shots at all ranges, manufactured using advanced CNC engineering to deliver maximum performance and quality. The tripod features a fixed leveling system that can rotate  $360^\circ$  with  $\pm 15^\circ$  vertical movement, allowing you to adjust your aim with ease, while the Endeavor GM-70 clamp allows you to mount a rifle or crossbow with ease.



Level adjustment range: ±15°



3/8 " tripod thread



23°, 50° & 80° leg angles for standing, sitting or prone positions



Rubber feet change to spikes with a few turns, accommodating multiple terrain types.

		LEG MATERIAL	FOLDED HT. [IN/MM]	EXTENDED HT.	LEG DIAM [MM]	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
NEW	ENDEAVOR L 303AGM G2	ALUMINUM	31.26 / 794	63.58 / 1615	30	33.06 / 15	6.43 / 2917
NEW	ENDEAVOR L 303CGM G2	CARBON FIBER	31.26 / 794	63.58 / 1615	30	33.06 / 15	5.81 / 2637
NEW	ENDEAVOR L 263AGM	ALUMINUM	29.88 / 759	60.75 / 1543	26	26.45 / 12	5.81 / 2635
NEW	ENDEAVOR L 263CGM	CARBON FIBER	29.88 / 759	60.75 / 1543	26	26.45 / 12	5.23 / 2375



### SHOOTING SUPPORTS ENDEAVOR LAPR/CPR

Endeavor L APR and CPR (aluminum and carbon, respectively) shooting tripods give you the flexibility to connect with either a standard Arca plate QS-75P or a standard Picatinny rail. Simply flip the lever, lock in, and take aim. The 65mm leveling half-ball lets you rotate 360 degrees and tilt +/-  $15^{\circ}$  - helping you find and follow your target quickly. Vanguard crafts these tripods using advanced CNC engineering for precision, performance. and reliability.



Lower clamp base fits any standard Picatinny rail attachment



Upper clamp is for a standard Arca plate QS-75P (Non-standard ARCA quick release plates can be fitted by adjusting the screw)



Bowl adjustable by +/- 15°



Quick-detach, easy-to-use lever lock

EXTENDED HT. LEG DIAM FOLDED HT. MAX LOAD WEIGHT LEG MATERIAL FIN / MM 1 [LBS/G] [IN/MM] [MM] [LBS/KG] 62.99 / 1600 ENDEAVOR L 303APR ALUMINUM 28.54 / 725 30 33.06 / 15 4.63 / 2101.6 NEW NEW ENDEAVOR L 303CPR CARBON FIBER 28.54 / 725 62.99 / 1600 30 33.06 / 15 4.01 / 1821.6 **ENDEAVOR L 263APR** ALUMINUM 27.01 / 686 60.04 / 1525 26.45 / 12 4.06 / 1840 NEW 27.01 / 686 NEW **ENDEAVOR L 263CPR** CARBON FIBER 60.04 / 1525 26 26.45 / 12 3.48 / 1580



# SHOOTING SUPPORTS 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.



Buffer Spring Provides Solid Shooting



Adjustable Leg Angle



Quick Shoe System for Fast Firearm Attachment



Easy Pull & Position Leg Adjustment System

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



# SHOOTING SUPPORTS QUEST

Quest is an all-in-one shooting stick – now available in carbon fiber – that helps you handle the elements with contoured foam grips and anti-slip rubber feet. A removable U-shaped yoke with rubber fins swivels 360°, so you can make shots at every angle without repositioning the shooting stick. Remove the U-yoke and use the universal ¼" thread bolt to secure a scope or camera.



360° "U" Yoke Provides Ultra Secure Grip



Leg Brace w/ 360° Positioning (Quest T62CU/U only)



All Weather Foam Grips

	10.20	LEG MATERIAL	FOLDED HT. [IN/MM]	EXTENDED HT. [IN/MM]	LEG DIAM [MM]	WEIGHT [LBS/G]
NEW	QUEST T62CU	CARBON FIBER	27.5 / 700	62 / 1575	20	1.9 / 874
	QUEST T62U	ALUMINUM	27.5 / 700	62 / 1575	20	2.2 / 1000
	QUEST M49	ALUMINUM	22 / 560	49 / 1245	20	0.66 / 300
	QUEST M62	ALUMINUM	26.3 / 670	62 / 1575	20	0.77 / 350
	QUEST B38	ALUMINUM	19.1 / 485	38 / 965	20	1.14 / 520
	QUEST B62	ALUMINUM	27.1 / 690	62 / 1575	20	1.43 / 650



## SHOOTING SUPPORTS SCOUT

Made of lightweight and durable aluminum alloy, Scout is designed for on-thego 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.



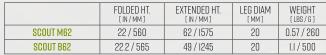
360° "V" Yoke Provides Ultra Secure Grip



All Weather Foam Grips



Adjustable Legs Strap (Bi-Pod Models Only)





Scout M62 Scout B62

# SHOOTING SUPPORTS VEO 2

The VEO 2 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 action cameras.



3 Feet Fold & Lock in Seconds



360° Rotating Removable U-Yoke



Anti-Slip Rubber Feet for any Terrain

	LEG MATERIAL	FOLDED HT. [IN/MM]	EXTENDED HT.	LEG DIAM [MM]	WEIGHT [LBS/G]
VEO 2 AM-234TU	ALUMINUM	24.4 / 620	62.6 / 1590	23	1.95 / 885
VEO 2 CM-234TU	CARBON FIBER	24.4 / 620	62.6 / 1590	23	1.78 / 809



## SHOOTING SUPPORTS ENDEAVOR PIC RAIL

The Endeavor Pic Rail converts a front stock sling stud to a Picatinny base, quickly and easily. It features a sling stud attachment and a rubber pad that grips securely to your firearm to prevent marking. This piece is CNC-machined for quality and precision.

Non-marring rubber pad provides secure grip to forearm



Quickly converts front stock sling stud to a Picatinny base





**Endeavor Pic Rail** 

## SHOOTING SUPPORTS U-YOKE

The U-yoke is a head that fits onto any tripod with a 1/4" thread, or onto any tripod head quick release plate and allows you to rest a rifle or crossbow for a precise shot. The new U-Yoke ARCA clamps into any Arca-standard tripod or monopod head.



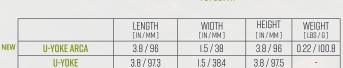
Width above clamp 63.3mm



Fins provide a secure grip on your firearm, while protecting the forearm



Compatible with tripods or monopods





Attaches to ARCAcompatible tripod head

U-Yoke ARCA



U-Yoke

## SHOOTING SUPPORTS ENDEAVOR LDA G2

The Endeavor LDA features a guick-release lever and safety lock that requires no tools. This piece is crafted by precise CNC machining with an anodized finish that resists abrasion and corrosion. An Arca-compatible base lets you connect to an Arca-standard tripod or monopod head, and a 1/4" thread hole on the underside gives you additional options. Removable safety stop screws at both ends of the base add extra security. Plus, the base includes a hole connection for a gun sling.

Pin sling reattachment and 1/4" thread attachments



Quick-release safety lock



**ENDEAVOR LDA G2** 

## SHOOTING SUPPORTS PORTA-AIM

Porta-Aim portable gun rests are ideal for hunting or the shooting range. Constructed of rugged aluminum, the Vanguard Porta-Aim provides stable shooting support in an easily portable device for the fast-action shooter. Porta-Aim enables users to get on target and stay there with 360-degree swivel action. Now available with a U-voke (Porta-Aim U).

**Quick Single-Handed** Height Adjustment Ring



Compact for Easy **Packing** 





HEIGHT LENGTH WIDTH FOI DED HT **EXTENDED HT** MAXINAD FIN / MM 1 FIN / MM 1 [IN/MM] [LBS/KG] FIN / MM 1 FIN/MM1 PORTA-AIM 5.91 / 150 2.36 / 60 12.80 / 325 12.25 / 310 8.87-12.65 / 225-320 26.4 / 12 1.85 / 840 NEW PORTA-AIM U 386/98 2.05 / 52 12.99 / 330 13.0 / 330.2 7.5-11.25 / 190.5-285.8 264/12 1.02 / 461







# FULL SIZE VIDEO TRIPOD VEO 5 AV/CV NEW

VEO 5 tripods are CNC machined to be lightweight but deliver excellent stability. VEO 5 AV and CV models come with a smooth Arca-compatible video head. The long handle, adjustable fluid movement, and pan and tilt locking knobs deliver maximum control while glassing at the range or afield.

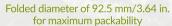


2-way counterbalanced and fluid movement



Fluid adjustment knob



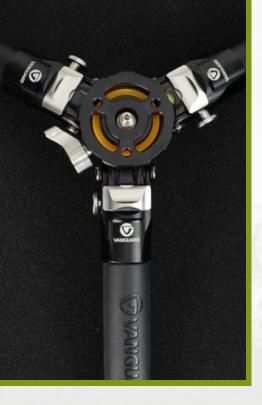




Rubber feet change to spikes with a few turns, accommodating multiple terrain types.

		LEG MATERIAL	FOLDED HT. [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]
NEW	VEO 5 264AVI6	ALUMINUM	23.07 / 602	66.81 / 1697	56.38 / 1432	26	4	VEO PV-16	QS-7IP	22.04 / 10	4.95 / 2246
NEW	VEO 5 264CVI6	CARBON FIBER	23.07 / 602	66.81 / 1697	56.38 / 1432	26	4	VEO PV-16	QS-7IP	22.04 / 10	4.33 / 1966
NEW	VEO 5 264AVI4	ALUMINUM	22.64 / 575	66.14 / 1680	55.71 / 1415	26	4	VEO PV-I4	QS-7IP	13.22 / 6	4.64 / 2103
NEW	VEO 5 264CVI4	CARBON FIBER	22.64 / 575	66.14 / 1680	55.71 / 1415	26	4	VEO PV-I4	QS-7IP	13.22 / 6	4.02 / 1823





## FULL SIZE OUTDOOR TRIPOD VEO 5 AO/CO

VEO 5 tripods are CNC machined to be lightweight but deliver excellent stability. VEO 5 AO and CO models come with Arca-compatible 2-way pan heads that are made for glassing. With all the locking control in the handle, you can control the movement with one hand, leaving your other hand free to control the focus and zoom of your optics. When your target settles, simply turn the handle and lock in your view.





Folded diameter of 92.5 mm/3.64 in. for maximum packability



Includes a short column attachment for low-angle positioning



Control and lock panning with one handle



Rubber feet change to spikes with a few turns, accommodating multiple terrain types.

		LEG MATERIAL	FOLDED HT. [IN/MM]	EXTENDED HT.	STANDARD HT. [IN/MM]	LEG DIAM [MM]	LEG SECT.	HEAD	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
NEW	VE05 264A028	ALUMINUM	22.76 / 578	65.87 / 1673	55.43 / 1408	26	4	VEO PH-28	QS-55P	17.63 / 8	4.85 / 2199
NEW	VE05 264C028	CARBON FIBER	22.76 / 578	65.87 / 1673	55.43 / 1408	26	4	VEO PH-28	QS-55P	17.63 / 8	4.23 / 1919
NEW	VE05 234A026	ALUMINUM	21.50 / 546	62.64 / 1591	52.20 / 1326	23	4	VEO PH-26	QS-55P	13.22 / 6	3.86 / 1750
NEW	VE05 234C026	CARBON FIBER	21.50 / 546	62.64 / 1591	52.20 / 1326	23	4	VEO PH-26	QS-55P	13.22 / 6	3.68 / 1670









## VIDEO TRAVEL TRIPOD VESTA GO AV/CV

**NEW** 

The Vesta GO series excels when packability and portability are key. This lightweight and compact tripod series is easy to stow away for long days afield, yet they do not compromise on performance. With three easy-set leg angles and a split center column, you can use the tripod while standing, sitting, or prone. Vesta GO AV and CV models include an Arca-compatible, counterbalanced video head for ultra-smooth glassing.



Fluid 2-way pan head with counterbalance



Large knob to adjust the pan handle



Quick-release locking lever for fast gear changes





Carbon fiber models include silent, easy-clean twist leg locks; aluminum models come with fast flip locks

		LEG MATERIAL	FOLDED HT. [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]	
NEW	VESTA GO 264AVI2	ALUMINUM	18.31 / 465	64.53 / 1639	52.44 / 1332	26	4	VEO PV-12	QS-55P	11.02 / 5	3.71 / 1685	
NEW	VESTA GO 264CVI2	CARBON FIBER	18.31 / 465	64.53 / 1639	52.44 / 1332	26	4	VEO PV-12	QS-55P	11.02 / 5	3.01/1365	
NEW	VESTA GO 234AVIO	ALUMINUM	17.13 / 435	59.41 / 1509	48.50 / 1232	23	4	VEO PV-IO	QS-55P	7.71 / 3.5	3.45 / 1567	
NEW	VESTA GO 234CVIO	CARBON FIBER	17.13 / 435	59.41 / 1509	48.50 / 1232	23	4	VEO PV-IO	QS-55P	7.71 / 3.5	3.12 / 1417	



## PAN HEAD TRAVEL TRIPOD

VESTA GO AP/CP

The Vesta GO series excels when packability and portability are key. This lightweight and compact tripod series is easy to stow away for long days afield, yet they do not compromise on performance. With three easy-set leg angles and a split center column, you can use the tripod while standing, sitting, or prone. Vesta GO AP and CP models include a simple Arca-compatible 2-way pan head that accommodates glassing at the range or in the field.



21°, 50°, 80°3-leg angles for prone,sitting & standing positions



Carbon fiber models include silent, easy-clean twist leg locks; aluminum models come with fast flip locks



		LEG MATERIAL	FULUEU HI. [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM [MM]	LEG SECT.	HEAD	QUICK SHOE	MAX LUAU [LBS/KG]	WEIGHT [LBS/G]
NEW	VESTA GO 264AP	ALUMINUM	18.70 / 475	65.51 / 1664	52.24 / 1327	26	4	VEO PH-24	QS-55P	6.6/3	3.78 / 1715
NEW	VESTA GO 264CP	CARBON FIBER	18.70 / 475	65.51 / 1664	52.24 / 1327	26	4	VEO PH-24	QS-55P	6.6/3	3.07 / 1395
NEW	VESTA GO 234AP	ALUMINUM	17.52 / 445	60.59 / 1539	48.31 / 1227	23	4	VEO PH-24	QS-55P	6.6 / 3	3.23 / 1465
NEW	VESTA GO 234CP	CARBON FIBER	17.52 / 445	60.59 / 1539	48.31 / 1227	23	4	VEO PH-24	QS-55P	6.6 / 3	2.90 / 1315
NEW	VESTA GO 204AP	ALUMINUM	16.14 / 410	55.28 / 1404	44.29 / 1125	20	4	VEO PH-24	QS-55P	6.6 / 3	2.85 / 1295
NEW	VESTA GO 204CP	CARBON FIBER	16.14 / 410	55.28 / 1404	44.29 / 1125	20	4	VEO PH-24	QS-55P	6.6 / 3	2.41 / 1095

## TRADITIONAL TRAVEL TRIPOD VESTA GO AB/CB

The Vesta GO series excels when packability and portability are key. This lightweight and compact tripod series is easy to stow away for long days afield, yet they do not compromise on performance. With three easy-set leg angles and a split center column, you can use the tripod while standing, sitting, or prone. Vesta GO AB and CB models include an Arcacompatible ball head that accommodates optics or a camera.



Center column converts to short column



Carbon fiber models include silent, easy-clean twist leg locks; aluminum models come with fast flip locks





VEO BH-60/50/45





Quick shoe QS-74



		LEG MATERIAL	FOLDED HT. [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]
NEW	VESTA GO 264AB	ALUMINUM	17.32 / 440	63.58 / 1615	53.74 / 1365	26	4	VEO BH-60	QS-74	22.04 / 10	3.89 / 1767
NEW	VESTA GO 264CB	CARBON FIBER	17.32 / 440	63.58 / 1615	53.74 / 1365	26	4	VEO BH-60	QS-74	22.04 / 10	3.19 / 1447
NEW	VESTA GO 234AB	ALUMINUM	15.94 / 405	58.82 / 1494	49.06 / 1246	23	4	VEO BH-50	QS-74	9.9 / 4.5	2.87 / 1300
NEW	VESTA GO 234CB	CARBON FIBER	15.94 / 405	58.82 / 1494	49.06 / 1246	23	4	VEO BH-50	QS-74	9.9 / 4.5	2.53 / 1150
NEW	VESTA GO 204AB	ALUMINUM	15.16 / 385	54.53 / 1385	44.72 / 1136	20	4	VEO BH-45	QS-74	6.6 / 3	249 / 1130
NEW	VESTA GO 204CB	CARBON FIBER	15.16 / 385	54.53 / 1385	44.72 / 1136	20	4	VEO BH-45	QS-74	6.6 / 3	205 / 930

# TABLE TRIPOD VESTA GOT NEW

When a regular compact tripod is still not compact enough, you can rely on the Vesta GO T series of ultra-packable table tripods. This piece may be small in size, but it is big on performance, with either a ball head or smooth pan head to mount your optics or camera. The legs feature easy-to-use twist locks and are adjustable to 3 angles to set up how you need it.





		LEG MATERIAL	FOLDED HT. [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT.	LEG DIAM [MM]	LEG SECT.	HEAD	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
NEW	VESTA GOT 233AP	ALUMINUM	10.24 / 260	22.72 / 577	18.19 / 462	23	3	VEO PH-24	QS-55P	6.6 / 3	2.54 / 1153
NEW	VESTA GOT 233CP	CARBON FIBER	10.24 / 260	22.72 / 577	18.19 / 462	23	3	VEO PH-24	QS-55P	6.6 / 3	2.45 / 1112
NEW	VESTA GOT 203AB	ALUMINUM	9.49 / 241	21.06 / 535	17.1 / 434	20	3	VEO BH-45	QS-74	6.6 / 3	1.94 / 882

#### **VESTA 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.

#### **VESTA TTI**

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.

#### **ESPOD CXI/CXIOS**

Espod CX 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.





360° Swiveling 2-way Pan Head





Could hold up to 7 inch Smartphone with width of up to 3.4in/8.7cm





Quick Release Quick Shoe (1OS Model)



## TRADITIONAL TRIPOD VESTA

Vanguard's Vesta series of tripods give aspiring users a strong option for optics or camera support in the field. Built for performance and value, Vesta tripods offer a 2-way panhead that can also be set for portraits using the rotating top plate. They also feature easy-to-use flip leg locks.



PH-23 2-WAY PAN HEAD



Vertical tilt lock using handle



360° Rotating Top Plate for portrait shots, or for 360° Panoramic Images



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



	LEG MATERIAL	FOLDED HT. [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]
VESTA 233AP	ALUMINUM	22.9 / 582	61 / 1550	48.1 /1221	23	3	PH-23	QS-29	7.7 / 3.5	2.8 / 1275
VESTA 203AP	ALUMINUM	22.4 / 570	61 / 1550	48.1 /1221	20	3	PH-23	QS-29	7.7 / 3.5	24/1105

# WINDOW MOUNT VEO 2 NEW

With Veo 2 window mounts, you can cover miles of country without missing the details. Enjoy comfortable and smooth viewing thanks to VEO 2's superior mechanical design and quality components. Clamp onto a vehicle window, a tree branch, or a shooting bench for easy glassing in places where a tripod won't do.

# WINDOW MOUNT PH

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.



	CLAMP WIDTH	FRONTAL TILT °	ROTATION °	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO2 PH-28WM	29MM	-60° ~ +90°	360°	QS-6IP	8.8 / 4	1.5 / 711
VEO2 PH-24WM	22MM	-60° ~ +90°	360°	QS-55P	6.6 / 3	1.1 / 537
PH 304	=	0° TO +90°	360°	-	8.8 / 4	1.6 / 730

# VIDEO HEAD VEO PV NEW

VEO PV video heads are CNC-machined to deliver the smoothest movement possible, with dampening knobs that personalize the movement to your need and extended handles for maximum control – plus, a counterbalanced design to keep your optics steady. Each includes an Arca-compatible quick-release plate with a non-twist spring pin that ensures a solid fit to your spotting scope.



VEO PV-16



VEO PV-14



VEO PV-12 ultra-compact



VEO PV-10 ultra-compact



"Open" video head with one support point (VEO PV-16/12)



"Closed" video head with two support points (VEO PV-14/10)



Fluid movement with dampening knob for maximum control



Arca compatible clamps with quick release plates designed for spotting scopes

		LENGTH [INCHES/MM]	WIDTH [INCHES/MM]	HEIGHT [INCHES/MM]	HEAD BASE [INCHES/MM]	QUICK SHOE	FRONTAL TILT °	LATERAL TILT °	SWIVEL°	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
NEW	VEO PV-16	/	4.06 / 103	4.21 / 107	2.17 / 55	QS-7IP	-50°~90°	/	360	/	1.51 / 686
NEW	VEO PV-14	/	3.98 / 101	3.54 / 90	1.97 / 50	QS-7IP	-50°~90°	/	360	/	1.20 / 543.4
NEW	VEO PV-12	/	3.19 / 81	3.09 / 78.5	1.57 / 40	QS-55P	-75°~90°	/	360	/	0.74 / 335
NEW	VEO PV-10	/	3.78 / 96	3.09 / 78.5	1.57 / 40	QS-55P	-75°~90°	/	360	/	0.81 / 367

# 2-WAY PAN HEAD VEO PH NEW

VEO PH 2-way pan heads allow one-handed control for video or spotting scopes, leaving your other hand free to operate controls with ease. Each pan head includes an Arca compatible quick-release plate with a spring pin that is designed for spotting scopes or long lenses, but if your spotting scope or camera has an Arca compatible foot, it can be slotted directly into the base without the use of the quick-release plate for maximum stability.



Telescopic long handle

(Easy to fold)

		LENGTH [INCHES/MM]	WIDTH [INCHES/MM]	HEIGHT [INCHES/MM]	HEAD BASE [INCHES/MM]	QUICK SHOE	FRONTAL TILT °	LATERAL TILT°	SWIVEL°	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
NEW	VEO PH-28	9.06 / 230	3.94 / 100	3.27 / 83	2.28 / 58	QS-55P	/	/	360	17.6 / 8	1.39 / 631.1
NEW	VEO PH-26	6.85 / 174	3.82 / 97	2.99 / 76	1.97 / 50	QS-55P	/	/	360	13.2 / 6	1.11 / 501.6
NEW	VEO PH-24	8.27 / 210	3.74 / 95	2.91 / 74	1.65 / 42	QS-55P	-60°~90°	/	360	6.6 / 3	0.70 / 319
NEW	VEO PH-20	-	2.95 / 75	3.21/81.5	1.73 / 44	QS-55P	/	/	360	13.2 / 6	0.86 / 319.6

Quick shoe (QS-55P)

NEW QS-55P shorter design.

w/safe pin

Complete control through

single handle

# TRIPOD ACCESSORIES VEO CP KIT

The Vanguard VEO CP Clamp, DLX Support Arm, and Smartphone Holder Kit lets you attach your camera, smartphone, or accessory to the surfaces around you, wherever you are, to get that perfect shot.











65 mm Clamp

Support Arm L

Smartphone Holder

**VEO CP-46 KIT** 









46 mm Clamp

Support Arm M

Smartphone Holder

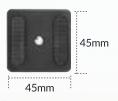
	LENGTH [IN/MM]	WIDTH [IN/MM]	HEIGHT [IN/MM]	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]	SIZE RANGE [IN / MM ]
VEO CP 65	3.3 / 82.5	0.8 / 20	3.5 / 89	5.5 / 2.5	0.4 / 159	2.6 / 65
VEO CP 46	2.7 / 68	0.8 / 20	3.3 / 82.5	3.3 / 1.5	0.3 / 132	1.8 / 46
VEO SPH	3.6 / 91	3.1 / 78	4.3 / 110	-	0.4 / 181	2.2-3.5 / 57-90

# QUICK SHOES OS

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

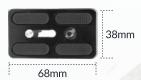
#### **QS-74**

1/4" camera screw with D-ring 4-way Arca-compatible base



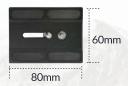
### QS-71P

1/4" camera screw & pin with D-ring 2-way Arca-compatible base



#### OS-61P

1/4" camera screw & pin with D-ring 2-way Arca-compatible base



#### **QS-55P NEW**

1/4" camera screw & pin with D-ring 2-way Arca-compatible base



#### **OS-60 V2**

1/4" camera screw with D-ring 2-way Arca-compatible base



### **OS-36**

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



### **OS-29**

1/4" camera screw with D-ring & pin Fits VESTA 203/233AP



	MAGNIFICATION & LENS SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	WEIGHT
VEO HD IV 82A	25~60 X 82	104.4~57 FT / 1,000 YDS   34.8~18.7 M / 1,000 M	19.7~21.3 FT   6~6.5 M	18~22 MM	4.32 LBS   1960 G
VEO HD IV 65A	18.75~45 X 65	I25.7~68 FT / I,000 YDS   4I.9~22.7 M / I,000 M	19.7~21.3 FT   6~6.5 M	18~21 MM	3.43 LBS   1560 G
VEO HD 80A	20~60 X 80	IIO~52 FT / I,000 YDS   37~17 M / I,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	3.41 LBS   1550 G
VEO HD 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	2.65 LBS   1205 G
ENDEAVOR XF 80A	20~60 X 80	IIO~52 FT / I,000 YDS   37~I7 M / I,000 M	19.7~21.3 FT   6~6.5 M	19~20 MM	3.70 LBS   1680 G
ENDEAVOR XF 60A	15~45 X 60	141~68 FT / 1,000 YDS   47~23 M / 1,000 M	I6.4~I9.7 FT   5~6 M	19~20 MM	2.82 LBS   1280 G
VESTA 560A	15-45 X 60	104.4~62.6 FT / 1,000 YDS   34.8~20.9 M / 1,000 M	26.3~29.5 FT   8~9 M	16~21 MM	2.85 LBS   1293 G
VESTA 460A	15-50 X 60	125.3~57.4 FT / I,000 YDS   4I.7~I9.1 M / I,000 M	32.8~39.4 FT   10~12 M	II MM	1.34 LBS   609 G
VESTA 350A	12-45 X 50	156.6~52.2 FT / 1,000 YDS   52.2~174 M / 1,000 M	29.5~39.4 FT   9~I2 M	II MM	1.32 LBS   600 G

	MAGNIFICATION & LENS SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO HD IV 1042	10 X 42	340 FT / I,000 YDS   II4 M / I,000 M	5.9 FT   I.8 M	19 MM	56~74 MM	1.71 LBS   776 G
VEO HD IV 8420	8 X 42	377 FT / I,000 YDS   I26 M / I,000 M	5.9 FT   I.8 M	19 MM	56~74 MM	1.70 LBS   775 G
VEO HD 2 1042	10 X 42	340 FT / I,000 YDS   II4 M / I,000 M	6.5 FT   2 M	18 MM	58~74 MM	1.58 LBS   720 G
VEO HD 2 8420	8 X 42	374 FT / I,000 YDS   I24 M / I,000 M	6.5 FT   2 M	19 MM	58~74 MM	1.58 LBS   720 G
VEO HD 1042	10 X 42	342 FT / I,000 YDS   II4 M / I,000 M	6.6 FT   2 M	18 MM	58~74 MM	1.69 LBS   767 G
VEO HD 8420	8 X 42	372 FT / I,000 YDS   I24 M / I,000 M	6.6 FT   2 M	19 MM	58~74 MM	1.67 LBS   760 G
VEO ED 1250	12 X 50	251 FT / 1,000 YDS   84 M / 1,000 M	II.5 FT   3.5 M	18 MM	60~75 MM	1.67 LBS   760 G
VEO ED 1050	10 X 50	282 FT / I,000 YDS   94 M / I,000 M	9.8 FT   3 M	19 MM	59.5~75 MM	1.72 LBS   782 G
VEO ED 1042	10 X 42	314 FT / I,000 YDS   105 M / I,000 M	9.2 FT   2.8 M	16 MM	55~75 MM	1.41 LBS   640 G
VEO ED 8420	8 X 42	330 FT / I,000 YDS   II0 M / I,000 M	8.2 FT   2.5 M	19 MM	55~75 MM	1.41 LBS   640 G
VEO XF 1042	10 X 42	332 FT / I,000 YDS   III M / I,000 M	6.9 FT   2.1 M	16 MM	57~74 MM	1.41 LBS   640 G
VEO XF 8420	8 X 42	418 FT / I,000 YDS   133 M / I,000 M	6.9 FT   2.1 M	20 MM	57~74 MM	1.45 LBS   660 G

	SIZE	FIELD OF VIEW	NEAR FOCUS	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VESTA 1042	10 X 42	298 FT / I,000 YDS   I00 M / I,000 M	6.9 FT   2.1 M	17 MM	56~74 MM	1.30 LBS   590 G
VESTA 8420	8 X 42	325 FT / I,000 YDS   I08 M / I,000 M	6.9 FT   2.1 M	19 MM	56~74 MM	1.34 LBS   610 G
VESTA 1025	10 X 25	330 FT / I,000 YDS   II0 M / I,000 M	8.2 FT   2.5 M	IO MM	56~74 MM	0.61 LBS   280 G
VESTA 8250	8 X 25	340 FT / I,000 YDS   II4 M / I,000 M	8.2 FT   2.5 M	12.5 MM	56~74 MM	0.61 LBS   280 G
VEO HD 2 1042M	10 X 42	342 FT / I,000 YDS   II4 M / I,000 M	6.5 FT   2 M	I8 MM	-	0.71 LBS   325 G
VEO ED 8420M	8 X 42	324 FT / I,000 YDS   I08 M / I,000 M	8.2 FT   2.5 M	19 MM	-	0.66 LBS   300 G
VESTA 8320M	8 X 32	392 FT / I,000 YDS   I3I M / I,000 M	6.5 FT   2 M	17.7 MM	-	0.55 LBS   250 G

CHOOTING		LEG MATERIAL	FOLDED HEIGH [IN/MM]	EXTENDED HT. [IN/MM]	LEG DIAM.[MM]	MAX LOAD [LBS/KG]	WEIGHT [LBS/KG]
	ENDEAVOR RL 303AGM G2	ALUMINUM	31.73 / 806	63.9 / 1623	30	55.1 / 25	6.98 / 3165
	ENDEAVOR RL 303CGM G2	CARBON FIBER	31.73 / 806	63.9 / 1623	30	55.1 / 25	6.31 / 2865
	ENDEAVOR RL 303APR	ALUMINUM	28.9 / 734	63.39 / 1610	30	55.1 / 25	5.18 / 2350
	ENDEAVOR RL 303CPR	CARBON FIBER	28.9 / 734	63.39 / 1610	30	55.1 / 25	4.52 / 2050
60E0	ENDEAVOR L 303AGM G2	ALUMINUM	31.26 / 794	63.58 / 1615	30	33.06 / 15	6.43 / 2917
5	ENDEAVOR L 303CGM G2	CARBON FIBER	31.26 / 794	63.58 / 1615	30	33.06 / 15	5.81 / 2637
	ENDEAVOR L 263AGM	ALUMINUM	29.88 / 759	60.75 / 1543	26	26.45 / 12	5.81 / 2635
	ENDEAVOR L 263CGM	CARBON FIBER	29.88 / 759	60.75 / 1543	26	26.45 / 12	5.23 / 2375
	ENDEAVOR L 303APR	ALUMINUM	28.54 / 725	62.99 / 1600	30	33.06 / 15	4.63 / 2101.6
	ENDEAVOR L 303CPR	CARBON FIBER	28.54 / 725	62.99 / 1600	30	33.06 / 15	4.01 / 1821.6
	ENDEAVOR L 263APR	ALUMINUM	27.01 / 686	60.04 / 1525	26	26.45 / 12	4.06 / 1840
	ENDEAVOR L 263CPR	CARBON FIBER	27.01 / 686	60.04 / 1525	26	26.45 / 12	3.48 / 1580
	EQUALIZER IQS		6.9 / 176	10 / 255	14		0.7 / 320
	EQUALIZER 20S	-	11 / 277	28 / 715	17	-	1 / 453
	EQUALIZER 2		12.7 / 325	27 / 685	17	-	0.9 / 430
	QUEST T62CU	CARBON FIBER	27.5 / 700	62 / 1575	20	-	1.9 / 874
	QUEST T62U	-	27.5 / 700	62 / 1575	20	-	2.2 / 1000
	QUEST M49	-	22 / 560	49 / 1245	20	-	0.66 / 300
	QUEST M62	-	26.3 / 670	62 / 1575	20	-	0.77 / 350
	QUEST B38	-	19.1 / 485	38 / 965	20	-	1.14 / 520
	QUEST B62	-	27.1 / 690	62 / 1575	20	-	1.43 / 650
	SCOUT M62	-	22 / 560	62 / 1575	20	-	0.57 / 260
	SCOUT B62	-	22.2 / 565	49 / 1245	20	-	1.1 / 500
	VEO 2 AM-234TU	ALUMINUM	24.4 / 620	62.6 / 1590	23	11/5	1.95 / 885
	VEO 2 CM-234TU	CARBON FIBER	24.4 / 620	62.6 / 1590	23	11 / 5	1.78 / 809

	LEG MATERIAL	FOLDED HEIGH [IN/MM]	EXTENDED HT. [IN/MM]	STANDARD HT. [IN/MM]	LEG DIAM.	LEG SECT.	HEAD	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO 5 264AVI6	ALUMINUM	23.07 / 602	66.81 / 1697	56.38 / 1432	26	4	VEO PV-16	QS-7IP	22.04 / 10	4.95 / 2246
VEO 5 264CVI6	CARBON FIBER	23.07 / 602	66.81 / 1697	56.38 / 1432	26	4	VEO PV-16	QS-7IP	22.04 / 10	4.33 / 1966
VEO 5 264AVI4	ALUMINUM	22.64 / 575	66.14 / 1680	55.71 / 1415	26	4	VEO PV-14	QS-7IP	13.22 / 6	4.64 / 2103
VEO 5 264CVI4	CARBON FIBER	22.64 / 575	66.14 / 1680	55.71 / 1415	26	4	VEO PV-14	QS-7IP	13.22 / 6	4.02 / 1823
VE05 264A028	ALUMINUM	22.76 / 578	65.87 / 1673	55.43 / 1408	26	4	VEO PH-28	QS-55P	17.63 / 8	4.85 / 2199
VE05 264C028	CARBON FIBER	22.76 / 578	65.87 / 1673	55.43 / 1408	26	4	VEO PH-28	QS-55P	17.63 / 8	4.23 / 1919
VE05 234A026	ALUMINUM	21.50 / 546	62.64 / 1591	52.20 / 1326	23	4	VEO PH-26	QS-55P	13.22 / 6	3.86 / 1750
VE05 234C026	CARBON FIBER	21.50 / 546	62.64 / 1591	52.20 / 1326	23	4	VEO PH-26	QS-55P	13.22 / 6	3.68 / 1670
VESTA GO 264AVI2	ALUMINUM	18.31 / 465	64.53 / 1639	52.44 / 1332	26	4	VEO PV-12	QS-55P	11.02 / 5	3.71 / 1685
VESTA GO 264CVI2	CARBON FIBER	18.31 / 465	64.53 / 1639	52.44 / 1332	26	4	VEO PV-12	QS-55P	11.02 / 5	3.01 / 1365
VESTA GO 234AVIO	ALUMINUM	17.13 / 435	59.41 / 1509	48.50 / 1232	23	4	VEO PV-10	QS-55P	7.71 / 3.5	3.45 / 1567
VESTA GO 234CVIO	CARBON FIBER	17.13 / 435	59.41 / 1509	48.50 / 1232	23	4	VEO PV-10	QS-55P	7.71 / 3.5	3.12 / 1417
VESTA GO 264AP	ALUMINUM	18.70 / 475	65.51 / 1664	52.24 / 1327	26	4	VEO PH-24	QS-55P	6.6 / 3	3.78 / 1715
VESTA GO 264CP	CARBON FIBER	18.70 / 475	65.51 / 1664	52.24 / 1327	26	4	VEO PH-24	QS-55P	6.6 / 3	3.07 / 1395
VESTA GO 234AP	ALUMINUM	17.52 / 445	60.59 / 1539	48.31 / 1227	23	4	VEO PH-24	QS-55P	6.6 / 3	3.23 / 1465
VESTA GO 234CP	CARBON FIBER	17.52 / 445	60.59 / 1539	48.31 / 1227	23	4	VEO PH-24	QS-55P	6.6 / 3	2.90 / 1315
VESTA GO 204AP	ALUMINUM	16.14 / 410	55.28 / 1404	44.29 / 1125	20	4	VEO PH-24	QS-55P	6.6/3	2.85 / 1295
VESTA GO 204CP	CARBON FIBER	16.14 / 410	55.28 / 1404	44.29 / 1125	20	4	VEO PH-24	QS-55P	6.6 / 3	2.41 / 1095
VESTA GO 264AB	ALUMINUM	17.32 / 440	63.58 / 1615	53.74 / 1365	26	4	VEO BH-60	QS-74	22.04 / 10	3.89 / 1767
VESTA GO 264CB	CARBON FIBER	17.32 / 440	63.58 / 1615	53.74 / 1365	26	4	VEO BH-60	QS-74	22.04 / 10	3.19 / 1447
VESTA GO 234AB	ALUMINUM	15.94 / 405	58.82 / 1494	49.06 / 1246	23	4	VEO BH-50	QS-74	9.9 / 4.5	2.87 / 1300
VESTA GO 234CB	CARBON FIBER	15.94 / 405	58.82 / 1494	49.06 / 1246	23	4	VEO BH-50	QS-74	9.9 / 4.5	2.53 / 1150
VESTA GO 204AB	ALUMINUM	15.16 / 385	54.53 / 1385	44.72 / 1136	20	4	VEO BH-45	QS-74	6.6 / 3	2.49 / 1130

	LEG MATERIAL	FOLDED HEIGH [IN/MM]	EXTENDED HT.	STANDARD HT.	LEG DIAM.	LEG SECT.	HEAD	QUICK SHOE	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VESTA GO 204CB	CARBON FIBER	15.16 / 385	54.53 / 1385	44.72 / 1136	20	4	VEO BH-45	QS-74	6.6 / 3	2.05 / 930
VESTA GOT 233AP	ALUMINUM	10.2 / 260	22.7 / 577	18.19 / 462	23	3	VEO PH-24	QS-55P	6.6 / 3	2.54 / 1153
VESTA GOT 233CP	CARBON FIBER	10.2 / 260	22.7 / 577	18.19 / 462	23	3	VEO PH-24	QS-55P	6.6 / 3	2.45 / 1112
VESTA GOT 233AB	ALUMINUM	9.5 / 241	21.1 / 535	17.1 / 434	20	3	VEO BH-45	QS-74	6.6 / 3	1.94 / 882
VS-82	-	10 / 255	9.25 / 235	-	-	-	-	-	5.5 / 2.5	0.94 / 430
VESTA TTI	-	6.89 / 175	3.94 / 100	(S) (C a)	22-3A	-	-	-	44/2	0.34 / 156
ESPOD CX I	-	11.6 / 295	21.3 / 540	133-167	-	-	-	-	5.5 / 2.5	1.47 / 665
ESPOD CX I OS		14.8 / 375	24.4 / 620		-	-	3300	-	6.6 / 3	2.1 / 934
VESTA 233AP	ALUMINUM	22.9 / 582	61 / 1550	48.1 / 1221	23	3	PH-23	QS-29	7.7 / 3.5	2.8 / 1275
VESTA 203AP	ALUMINUM	22.4 / 570	61 / 1550	48.1 /1221	20	3	PH-23	QS-29	7.7 / 3.5	2.4 / 1105

	LENGTH [INCHES/MM]	WIDTH [INCHES/MM]	HEIGHT [INCHES/MM]	HEAD BASE [INCHES/MM]	QUICK Shoe	FRONTAL TILT°	LATERAL TILT°	SWIVEL°	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
VEO PV-16	/	4.06 / 103	4.21 / 107	2.17 / 55	QS-7IP	-50°~90°	/	360	/	1.51 / 686
VEO PV-14	/	3.98 / 101	3.54 / 90	1.97 / 50	QS-7IP	-50°~90°	/	360	1	1.20 / 543.4
VEO PV-12	/	3.19 / 81	3.09 / 78.5	1.57 / 40	QS-55P	-75°~90°	/	360	1	0.74 / 335
VEO PV-10	/	3.78 / 96	3.09 / 78.5	1.57 / 40	QS-55P	-75°~90°	/	360	1	0.81 / 367
VEO PH-28	9.06 / 230	3.94 / 100	3.27 / 83	2.28 / 58	QS-55P	/	/	360	17.6 / 8	1.39 / 631.1
VEO PH-26	6.85 / 174	3.82 / 97	2.99 / 76	1.97 / 50	QS-55P	/	/	360	13.2 / 6	1.11 / 501.6
VEO PH-24	8.27 / 210	3.74 / 95	2.91 / 74	1.65 / 42	QS-55P	-60°~90°	/	360	6.6 / 3	0.70 / 319
VEO PH-20	-	2.95 / 75	3.21/81.5	1.73 / 44	QS-55P	/	/	360	13.2 / 6	0.86 / 319.6
VEO2 PH-28WM	-	-	-	-	QS-6IP	-60°~+90°	/	360°	8.8 / 4	1.5 / 711
VEO2 PH-24WM	-	-	-	-	QS-55P	-60° ~ +90°	/	360°	6.6 / 3	1.1 / 537
PH 304	-	-	-	-	/	0° TO +90°	+90° TO -60°	360°	8.8 / 4	1.6 / 730

	LENGTH [IN/MM]	WIDTH [IN/MM]	HEIGHT [IN/MM]	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]	SIZE RANGE [IN/MM]
ENDEAVOR GM-70	5.63 / 143	3.9 / 99	3.46/88	55.1 / 25	1.8 / 815	-
ENDEAVOR PIC RAIL	2.36 / 60	1.18 / 30	0.94 / 24	22.04 / 10	0.11 / 50	-
ENDEAVOR LDA G2	2.59 / 66	2.08 / 53	0.94 / 24	22.04 / 10	0.21 / 99	-
U-YOKE ARCA	3.8 / 96	1.5 / 38	3.8 / 96	26.4 / 12	0.22 / 100.8	-
U-YOKE	3.8 / 97.3	1.5 / 38.4	3.8 / 97.5	-	-	-
VEO CP 65	3.3 / 82.5	0.8 / 20	3.5 / 89	5.5 / 2.5	0.4 / 159	2.6 / 65
VEO CP 46	2.7 / 68	0.8 / 20	3.3 / 82.5	3.3 / I.5	0.3 / 132	1.8 / 46
VEO SPH	3.6 / 91	3.1 / 78	4.3 / 110	1 1	0.4 / 181	2.2-3.5 / 57-90

	LENGTH [IN/MM]	WIDTH [IN/MM]	HEIGHT [IN/MM]	FOLDED HT. [IN/MM]	EXTENDED HT. [IN/MM]	MAX LOAD [LBS/KG]	WEIGHT [LBS/G]
PORTA-AIM	5.91 / 150	2.36 / 60	12.80 / 325	12.25 / 310	8.87-12.65 / 225-320	26.4 / 12	1.85 / 840
PORTA-AIM U	3.86 / 98	2.05 / 52	12.99 / 330	13.0 / 330.2	7.5-11.25 / 190.5-285.8	26.4 / 12	1.02 / 461

