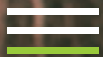




NEW PRODUCT  
2020

# VEO HD2

## BINOCULARS



**VEO HD2 Binoculars** feature **HOYA extra-low dispersion (ED) glass** and phase-corrected BaK4 roof prisms that work together to virtually eliminate chromatic aberration and produce images with true colour fidelity across the entire field of view, along with 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.



**NEW** COMPOSITE CARBON MATERIAL



HOYA extra-low dispersion (ED) glass



Waterproof & Fogproof



Large Field of View



Outstanding Near Focus



Lightweight Carbon Composite Body



Lockable Diopter Ring



Tripod Mountable



Three Stage Eyecups



# VEO HD2 FEATURES



- 1. Lockable Diopter**  
Locks in perfect adjustments
- 2. Three Stage Twist-Up Eyecups**  
High precision and smooth adjustment rings
- 3. Large Secure Focus Wheel**  
Oversized center focus wheel for easy control
- 4. Open-Bridge Configuration**  
With Premium Mitsubishi Rubber Armor
- 5. Lightweight Carbon Infused Housing**  
With Premium Mitsubishi Rubber Armor
- 6. Can be attached to a tripod using a 1/4" adaptor**  
Tripod Mountable With Optional Adapter(BA-185)
- 7. HOYA extra-Low Dispersion (ED) Glass**  
Boasts vivid edge-to-edge clarity



## OPTIC STRUCTURE

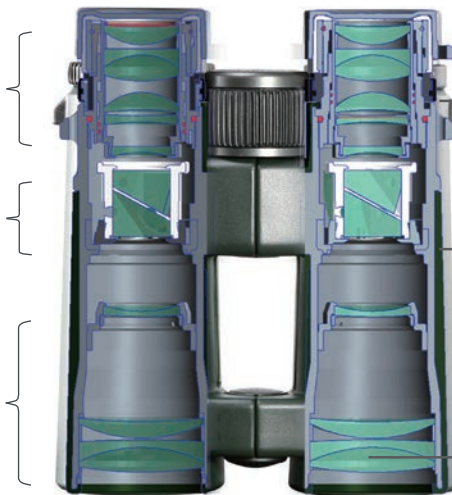


Quality HOYA ED glass, combined with advanced optical design, delivers a lightweight binocular that doesn't compromise on performance

**Eye Lens**  
5G6E (VEO HD2 8420)  
4G6E (VEO HD2 1042)  
Glass Structure

**Precise Prism**  
Precisely calculated prism design provides 100% horizontal image

**Objective Lens**  
3G4E  
Glass Structure

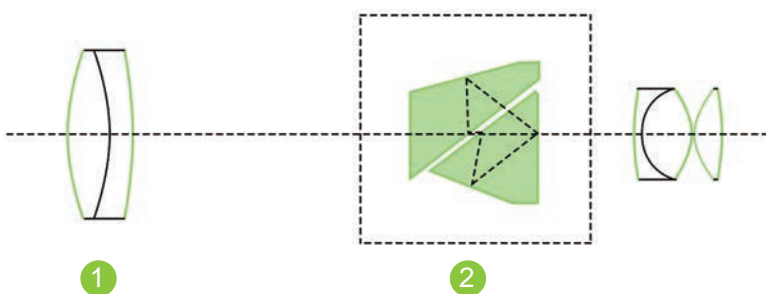


Highest Quality Mitsubishi Rubber Armoring & Texture

Composite Carbon Body Super strength structure

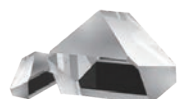
Hydrophobic coating Super hard waterproof membrane, water drops are easy to fall

## INTERNAL HIGH TRANSMITTANCE GLASS

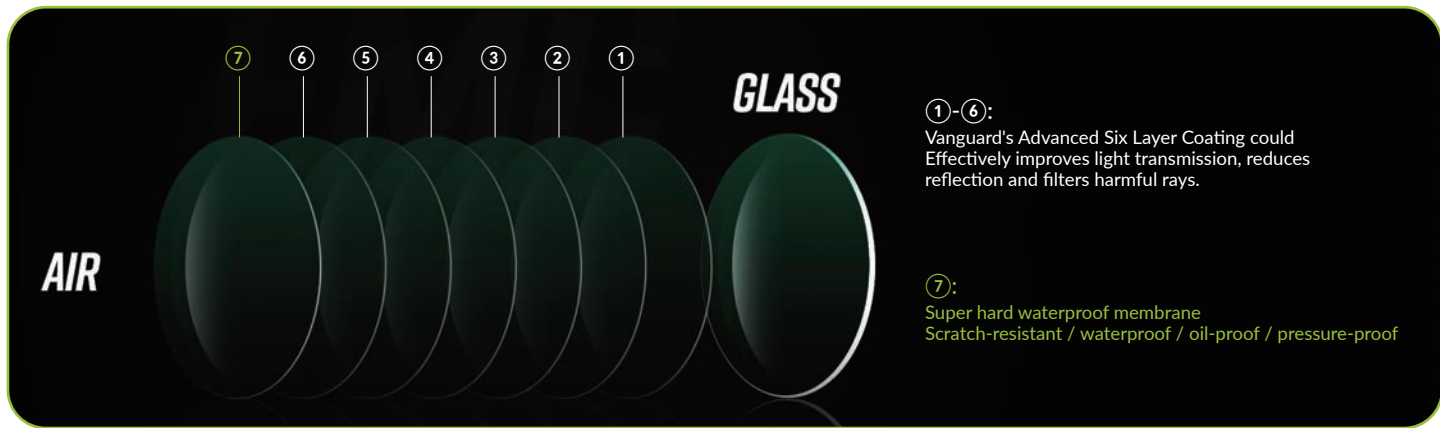


**1** With Norland optical adhesive Quality assurance

**2** BaK4 (HLT Glass) High light transmission prism for clear and bright field of view



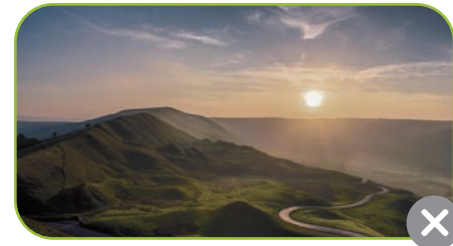
# FMC - FULLY MULTI-COATING



**Multi-layer coating**  
High light transmittance, sharp and transparent



**Ordinary blue film**  
Moderate brightness Not sharp enough

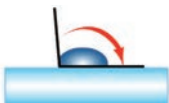


**Decorative red film**  
Dim imaging, poor sharpness

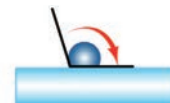
# WATERPROOF COATING



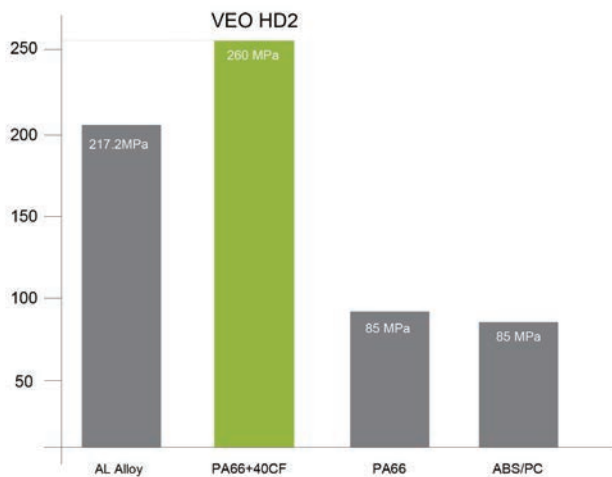
**Without**  
A contact angle of max. 95° leads to flat water drops.



**With**  
Contact angles more than 110° lead to ball-like water drops.



# NEW ADVANCED CARBON COMPOSITE MATERIAL



\*Based On Internal Lab Data

**\*20%**

**Stronger than aluminum**  
Can effectively reduce vibration and improve the long-term stability of optical performance

**\*271%**

**Stronger than plastic**  
Can effectively reduce vibration and improve the long-term stability of optical performance

**Features:**

- ①: Lightweight
- ②: Strong

## MORE DETAILS



Three Stage Twist-Up Eyecups



Fully Waterproof Fogproof



Ergonomic Open-Bridge Configuration



Large Secure Focus Wheel



Large 24mm eyepiece

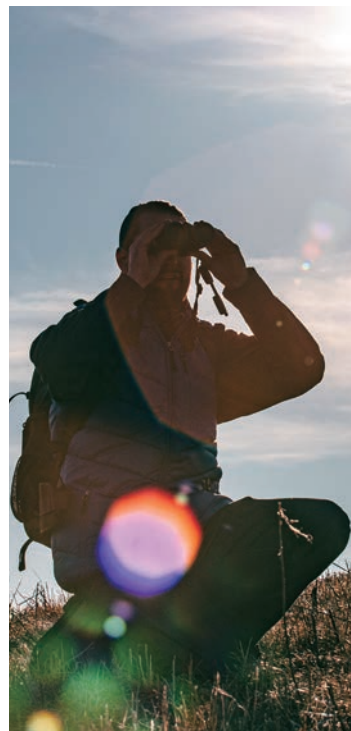


Ergonomic Thumb Position

## SPEC TABLE



	Power	FIELD OF VIEW	VIEW ANGLE	NEAR FOCUS	OBJECTIVE LENS DIAMETER	EYE RELIEF	ADJUST. PUPILLARY	WEIGHT
VEO HD2 1042	10 x 42	114m / 1000m 340ft / 1000yds	6.5°	2.0m / 6.6ft	42mm / 1.6IN	18	58-74mm	710g / 25.01oz
VEO HD2 8420	8 x 42	126m / 1000m 377ft / 1000yds	7.2°	2.0m / 6.6ft	42mm / 1.6IN	19	58-74mm	710g / 25.01oz



 **VANGUARD** | **VEO COLLECTION**

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