

SEADIVE Professional Dive Masks

The future of diving and snorkeling masks is here available now from SEADIVE, the world's leading manufacturer of Vision Enhancement Lenses.

In the 1950s and 1960s, masks for diving and snorkeling focused exclusively on design. From laboriously molded black rubber skirts with stainless steel frames, the focus was limited to superior fit and water tight seal.

In the 1980s rubber skirts did make a shift, largely to hypoallergenic silicone. The first silicone skirted mask made by Oceanways is still being sold and is called the Pacific. For many years dive/snorkeling tempered glass lenses remained the same until the early 2000s when poly-carbonate lenses offered a dipped coating, which added color to some extent at varying depths.

Realizing that plastic lenses with flimsy coatings were not the answer to improved diving/snorkeling visibility, SEADIVE engaged a professional optical company with extensive experience in coating glass and plastic materials with various oxides. **Properly coated glass transmits a substantially higher amount of light compared to standard glass.** Most of the trail blazing new lens coatings for diving visibility now include SEADIVE's TrueColor, RayBlocker-HD, and UV-GlareBlocker High Definition lenses.

SEADIVE in 2014 is introducing **SoftLight** UV-GlareBlocker High Definition, the lens that is to largely replace standard mask lenses. **SoftLight** not only fully blocks harmful UV rays and eliminates harsh white bright light, it provides true High Definition imaging by maximizing and refining light, along with the added advantage of total eye visibility between instructor and student.

New in 2014, many masks now include **Hydrophobic NanoTech Fog-Free Coating**. A coating that covers the glass surface so slick that even the smallest water vapor droplets have no place to attach. The new NanoTech Coating levels even the the tiniest surface imperfection minimizing light refraction and thus providing amazing clarity. **Hydrophobic NanoTech Fog-Free Coating is another SEADIVE exclusive.**

SoftLight UV-GlareBlocker High Definition Lenses with Anti-Reflective Coating maximize visible light for clear, comfortable view. High Definition imaging from refining light and eliminating glare. Fully blocks UV rays and glare.

TruVu lenses are made of impurity-free, ultra-clear glass coated with a special UV-Anti-Glare process that lets in more light normally refracted away by standard glass.

RayBlocker-HD "High Definition" lenses minimize harmful UV and glare. Reduce lightwave length to 400-600 nanometers—less harsh white light—Blue tint for comfortable human-eye viewing—improved definition at all depths.

TrueColor lenses pick up colors normally lost underwater at depths as little as ten feet of water. Also reduce glare, block UV rays, define faint edges, and increase depth perception.

SEADIVE Mask Lens Variations



Clear Lens

TruColor Sharplmage Lenses are for use in low light situations. Technical divers, cave divers and hunters diving in turbid waters will benefit from these lenses which help improve contrast and edge definition. Very popular for spearfishing.



Clear Lens

TruColor Rose Lenses restore the red spectrum that is removed by the water and causes colors at depth to disappear. The result is more vivid images and colors, especially brilliant reds, oranges, yellows, and violets. Favored by warm-water divers.

Note: These are simulated views. Actual results may vary.

TruColor - What you see is not what they see: The Optical Multi-coat technology causes an unexpected effect that the view from the 'outside looking in' is very different from the 'inside looking out'. **Compare** the actual test photographs at right. From the point of view of others looking at the mask on the diver, for the Rose mask the lenses appear to be green and for the Sharplmage mask the lenses appear to be blue. However, looking from the divers point of view on the surface the Rose lenses will appear to have a red tint and the Sharplmage lenses will appear to have a yellow tint. Underwater both types of lenses will appear to be clear.



RayBlocker Anti-UV and anti-glare coating: The lenses include the RayBlocker-HD Optical MultiCoat Technology that filters the light wave length to the 400-600nm range and makes for the most comfortable viewing. The RayBlocker-HD lenses absorb ultraviolet (UV) radiation that has been linked to cataract formation and also absorb much of the blue light spectrum (also known as blue blocking) to provide a more soothing, comfortable viewing experience. The glare relief function of the RayBlocker-HD is achieved by filtering the shorter wavelengths of the visible spectrum, which scatter within the eye causing glare. Reducing the shorter wavelengths also provides the benefit of highlighting visual distinction and enhancing contrast.

What you see is not what they see: The Optical Multicoat RayBlocker technology causes an unexpected effect that the view from the 'outside looking in' is very different from the 'inside looking out'. **Compare** the actual test photographs at right. From the point of view of others looking at the mask on the diver, they will see a color that shifts across the red/orange/yellow portions of the spectrum depending on the viewing angle. However, looking from the divers point of view, the lens is clear.



SEADIVE EagleEye-SL TruColor SharpImage Mask

The EagleEye-SL mask offers a large teardrop shaped single tempered glass lens to improve your peripheral and look-down vision and features a black, high-impact plastic frame; black skirt; and easily adjustable strap. The lens includes the Optical MultiCoat Technology. The inside of the SharpImage lenses have a yellow color tint that defines faint edges and increases depth perception. Technical divers, cave divers and hunters diving in turbid waters will benefit from these lenses which help to optimize available light and improve visibility (very popular for spearfishing). The outside of the lens has a silver 'mirror' coating which performs like sunglasses, reducing reflections and glare. The Anti-Fog feature means the mask has an embedded water resistant compound on the inside of the lens that reduces the tendency to fog. The EagleEye-SL mask fits most medium-to-large faces.



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SEADIVE EagleEye-SL TruColor Rose Mask

The EagleEye-SL mask offers a large teardrop shaped single tempered glass lens to improve your peripheral and look-down vision and features a black, high-impact plastic frame; black skirt; and easily adjustable strap. The lens includes Optical MultiCoat Technology. The inside of the TruColor lenses have a rose color tint which returns the yellows, oranges and reds normally lost as you descend through blue water. The outside of the lens has a silver 'mirror' coating which performs like sunglasses, reducing reflections and glare. The EagleEye-SL mask fits most medium-to-large faces.



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SEADIVE UltraVision-SL RayBlocker-HD Frameless Mask

The UltraVision-SL single lens mask is combines the frameless benefit of easy clearing, light weight, compactness and durability with the stable and secure fit found on traditional framed masks. The large teardrop shaped single tempered glass lens improves your peripheral and look-down vision and includes silicone skirt with easily adjustable strap. The UltraVision-SL frameless design fits nearly every standard-to-wide face and will accommodate facial hair, large noses, and high brows. The frameless design means the buckle is attached to the skirt which allows the mask to better fit the contours of the face. The RayBlocker-HD coating features gives exceptional clarity and easy-on-your-eyes viewing.



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NEW for 2014, SEADIVE SoftLight Yellow UV-GlareBlocker Lenses

SoftLight UV-GlareBlocker high Definition Lenses include an Anti-Reflective coating which maximizes visible light for clear, comfortable view. High Definition image results from refining light and eliminating glare. SoftLight lenses have a yellow tint relaxing to the eye and fully blocks UV rays and the harsh bright white light that causes glare. This lens is widely expected to largely replace standard clear mask lenses. These lenses have the added advantage of total eye visibility between instructor and student.

