Uncompromising optical performance within a compact body

Optimized with the latest optical design technology, the 16-28mm F2.8 DG DN | Contemporary is a high-performance optic that delivers exceptional image quality despite its compact size. The two large-diameter aspherical lens elements and five ideally arranged FLD glass elements (whose characteristics mirror that of fluorite) keep the lens light and compact while effectively suppressing the lateral and vertical chromatic aberrations that often diminish the image quality of other ultra-wide lens designs. This lens also utilizes the advanced digital correction capabilities of modern cameras to enable it to achieve such impressive image quality from such a small body. An F2.8 constant aperture gives a shallow depth-of-field for blurry out-of-focus areas, which is especially useful when shooting close-ups. The bokeh is smooth and circular thanks to the nine rounded diaphragm blades, which means the background never distracts from the in-focus subject. SIGMA has also taken extensive measures to counter ghosting and flare, which are caused by reflections inside the lens barrel. The Super Multi-Layer Coating ensures that the 16-28mm F2.8 DG DN | Contemporary delivers punchy, high contrast results even in the most difficult of backlight conditions.

Convenient form-factor allowing more freedom and usability

The new 16-28mm has a front filter thread built-in, which allows neutral density and polarizing filters to be attached more easily. This is especially useful for landscape photographers and film-makers. By using a stepping motor to control the AF actuator, the autofocus of the 16-28mm F2.8 DG DN | Contemporary is both fast and silent, making it ideal for shooting photography and videos in quiet environments. The inner zoom mechanism allows the lens to maintain the same length throughout the entire zoom range and with almost no shift to its balance point. The resulting stability will be appreciated by anyone looking to use the lens with a gimbal, or for hand-held or slap-style video shoots. The linear zoom mechanism also greatly contributes to the lens’s favorable optical dimensions: at a length of 106.9mm, a diameter of 77.2mm and a weight of only 450g*, its compactness makes wide-angle zooms with slower maximum F4 apertures. Paired with the SIGMA 28-70mm F2.8 DG DN | Contemporary, photographers are able to cover ultra-wide to medium telephoto focal lengths with only two lenses. Their combined weight of only 920g makes for an extremely versatile, compact lens system with uniform F2.8 brightness.

Exceptional build quality with intuitive ergonomics

This lens is constructed using specially selected lightweight materials including Thermally Stable Composite (TSC), a polycarbonate with a thermal contraction rate similar to that of aluminum. This enables the lens to function at peak performance even in environments with harsh temperature differences, as the metal and plastic parts contract and expand at similar rates. The precision of each individual component and the simple beauty of the finished product are made possible thanks to the craftsmanship and expertise of SIGMA’s staff, the company’s unparalleled manufacturing technology and the rigorous quality control at SIGMA’s only production base in Aizu, Japan. Compact and lightweight, the 16-28mm F2.8 DG DN | Contemporary is a sophisticated but versatile photographic tool that offers photographers and film-makers the perfect blend of portability and performance.

Principal features

Effortless freedom

A high performance compact ultra-wide zoom with a constant F2.8 aperture

With its excellent field curvature correction, the 16-28mm F2.8 DG DN | Contemporary is able to achieve exceptional edge-to-edge sharpness, which is essential for most wide-angle applications. It boasts five FLD elements and four aspherical lens elements to ensure optimal image quality with minimal aberrations. The lens has an inner zoom mechanism that keeps overall length consistent throughout the entire zoom range, helping it feel balanced in the hand. The inner zoom also means the lens’ center of gravity stays fairly constant, so it’s perfect for gimbal use. A front filter thread allows filters to be attached more easily. The lens boasts an exceptionally compact form-factor, weighing in at just 450g and measuring just 100.6mm in length*, which makes it a highly practical optic that is portable enough for everyday shooting. It’s especially appealing for landscape, wedding and travel photographers who need to carry their kit for long periods. Lightweight, versatile and extremely capable, SIGMA’s 16-28mm F2.8 DG DN | Contemporary offers photographers effortless freedom at the ultra-wide end.

Specifications

* These figures are for L-Mount.

Design exclusivity for full-frame mirrorless cameras

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