

Press Release

Discover the new bandpass filter BP 850-80 HT from Schneider-Kreuznach

BAD KREUZNACH, 29 September 2020

Schneider-Kreuznach is pleased to present the new BP 850-80 HT infrared filter as an addition to its range of bandpass filters. This filter has been specially developed for applications with powerful infrared high-power LED's (850nm), which are becoming increasingly popular. Cameras equipped with these LED's can deliver night-time images up to 20-30 meters. The Schneider-Kreuznach infrared filter in combination with an 850nm LED light source produces strong and shadow-free infrared illumination that is visible to many sensors but invisible to the human eye. Therefore, it is perfectly suitable for the use in surveillance systems and industrial applications. Another area of application for NIR illumination in combination with the new BP 850-80 HT filter are medical applications, as water and hemoglobin absorb almost no NIR. This well-known "therapeutic window" allows spectral analyses from body surfaces to functional analyses of the brain. Schneider-Kreuznach offers the BP 850-80 HT bandpass filter in a choice of 1 mm or 2 mm thickness and mounted in the usual filter threads. Contact us today. We will be pleased to advise you which is the right filter for you and your applications.

About the Schneider Group:

The Schneider Group specializes in developing, producing, and manufacturing high-performance lenses and filter systems for industrial applications, cine, and photography. It also offers high-quality precision mechanics and servo hydraulics. The company's main brand "Schneider-Kreuznach" stands for state-of-the-art technology from Germany. The group has been a world market leader in the field of high-performance lenses for many years. The Schneider Group consists of Jos. Schneider Optische Werke GmbH founded in Bad Kreuznach in 1913, and its subsidiaries PENTACON (Dresden), Schneider Optics (New York, Los Angeles), Schneider Asia Pacific (Hong Kong) and Schneider Optical Technologies (Shenzhen). The Schneider Group has around 550 employees worldwide, including 350 at its German headquarters.

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