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Spatial light modulator (SLM) is a general term describing devices that are used to modulate amplitude, phase, or polarization of light waves in space and time.

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In order to modulate light according to your requirements, Jenoptik offers you various integrated optical modulators and liquid crystal based modulators, as well as the appropriate control unit.

A Spatial Light Modulator (SLM) is a device designed to manipulate light waves by controlling properties such as phase, amplitude, or polarization on a pixel-by-pixel basis. This ability ...

A spatial light modulator (SLM) is a device that can control the intensity, phase, or polarization of light in a spatially varying manner. A simple example is an overhead projector transparency. Usually when ...

SLMs function by dynamically altering the properties of light through a matrix of pixels. These pixels are controlled electrically or optically to influence how light is transmitted or reflected. The modulation ...

An optical modulator is a device which is used to modulate a beam of light. The beam may be carried over free space, or propagated through an optical waveguide (optical fibre).

In this review, we discuss three growing application spaces which rely on control of visible light: control and measurement of atomic quantum technologies, augmented-reality displays, and ...

Our SLMs support free-space optics, modulators for continuous wave (CW) sources, and advanced temporal light control. Integration with IR receivers, IR remotes, or LED lights makes them suitable ...

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