

Holoeye Spatial Light Modulator HES





Overview

HOLOEYE currently provides two versions of the HES 7020-1 6001 amplitude Spatial Light Modulator. One SLM version is optimized for the visible range and one version for the near IR range up to 1100 nm. The devices have a comparable design to our phase SLM devices and can conveniently integrated in laboratory setups. HOLOEYE's Spatial Light Modulator systems are based on translucent (LCD) or reflective (LCOS) liquid crystal microdisplays.



Holoeye Spatial Light Modulator HES



HOLOEYE's PLUTO-2 The Complete Spatial Light

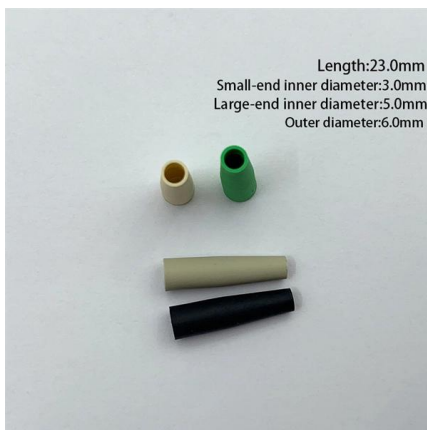
It is the most affordable, comprehensive PLUG & PLAY reflective phase modulator on the market today. For more information on the PLUTO-2 SLM series,

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Spatial Light Modulators

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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HES 7020-1 6001

HES 7020-1 6001 - Spatial Light Modulator from HOLOEYE Photonics AG. Get product specifications, Download the Datasheet, Request a Quote and get pricing for HES 7020-1 6001 on GoPhotonics.

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ERIS Phase Only Spatial Light Modulator

The ERIS phase only Spatial Light Modulator is based on an 0.717? LCOS microdisplay with a resolution of 1920×1200 pixels and 8µm pixel pitch.

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GAEA-C Spatial Light Modulator

HOLOEYE offers different versions of the GAEA-C phase only spatial light modulator. The different panel versions are optimized for use at different

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Spatial Light Modulator , HOLOEYE Photonics AG , Mar

The PLUTO-2.1 from HOLOEYE Photonics is a phase-only spatial light modulator that consists of a driver unit with standard digital video interface and a phase only

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HOLOEYE Photonics spatial light modulators feature

The PLUTO-2.1 spatial light modulator features a faster pulse addressing frequency than the previous version, which provides a higher dynamic range for addressing

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Spatial Light Modulators

LETO-3 Series Versions HOLOEYE offers three different LETO-3 Spatial Light Modulator versions which are optimized for the use at different wavelength ranges or for different applications.

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MAJOR UPDATE FOR PLUTO-2 PHASE ONLY

The PLUTO-2.1 Spatial Light Modulator platform includes 11 versions which are optimized for different applications and wavelength ranges. The digital

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LC 2012 Spatial Light Modulator (transmissive)

The LC 2012 Spatial Light Modulator is our basic system based on a translucent liquid crystal microdisplay with a resolution of 1024 x 768 pixel (XGA).

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HOLOEYE Photonics AG

Based on customer requests and feedback, HOLOEYE developed a new version of the PLUTO-2.1 Spatial Light Modulator optimized for 1700 - 2500 nm (Short Wavelength Infrared).

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Spatial Light Modulators

Spatial Light Modulators HOLOEYE s Spatial Light Modulator (SLM) systems are based on translucent or reflective liquid crystal microdisplays. These devices can modulate light spatially in amplitude or

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HOLOEYE Photonics AG: HOLOEYE Spatial Light Modulators for

At the visible wavelengths range phase modulating Spatial Light Modulators are used for a growing number of imaging-like applications (e.g. holographic projection, 3D holographic displays or

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HOLOEYE Photonics AG: HOLOEYE Spatial Light Modulators for

We demonstrate a setup for color sequential holographic projection using standard components: LETO-3 or LUNA Spatial Light Modulator, HOLOEYE diffractive projection engine and FISBA Ready Beam

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HOLOEYE spatial light modulators offer 60 Hz frame rate

The PLUTO phase-only spatial light modulators (SLMs) are based on reflective LCOS microdisplays with HDTV resolution (1920 x 1080 pixel) and provide a

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Amplitude SLMs

Versions HOLOEYE currently provides two versions of the HES 7020-1 6001 amplitude Spatial Light Modulator. One SLM version is optimized for the visible

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Spatial Light Modulators

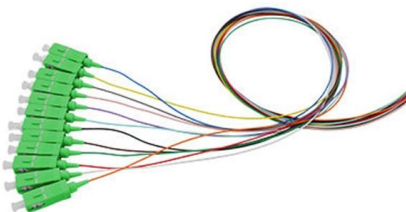
All HOLOEYE Spatial Light Modulators are addressed like a monitor via standard HDMI or DisplayPort. Meaning the SLM actually acts like a standard monitor device and no special software or drivers are

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HOLOEYE is a leading provider for design, development and commercialization of industrial micro display applications, adaptive micro-optics,

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The modulator comes in multiple versions that address the light spectrum from 350 to 2500 nm as well as featuring a fill factor of 93%, an input frame rate of 60 Hz,

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Note

1 Introduction With more than 20 years of experience in the development of spatial light modulators (SLM) and the cooperation with our partners, HOLOEYE offers products that are used world-wide in

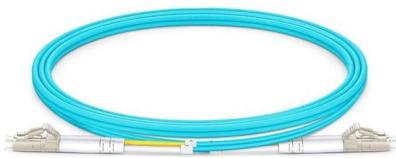
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Amplitude SLMs

HOLOEYE currently provides two versions of the HES 7020-1 6001 amplitude Spatial Light Modulator. One SLM version is optimized for the visible range and one version for the near IR range up to 1100 nm.

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Global LCoS Spatial Light Modulators (LCOS-SLM) Market Research

This report offers a comprehensive analysis of the global LCoS Spatial Light Modulators (LCOS-SLM) market, examining all key dimensions. It provides both a macro-level overview and micro-level

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Spatial Light Modulators

The Spatial Light Modulator can be used for phase (phase mostly) or amplitude modulation applications in the visible range. The mode depends on the configuration / incident polarization and polarizer

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HOLOEYE Photonics: LETO-3 Spatial Light Modulator Product

In this short tutorial we will present the parts which are included in the LETO-3 Spatial Light Modulator kit and demonstrate how to connect the display (ht

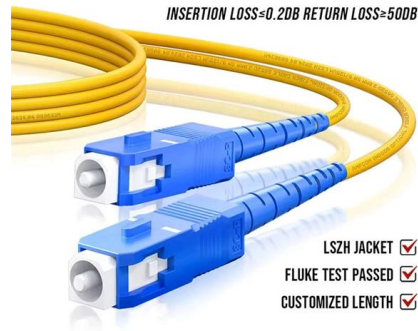
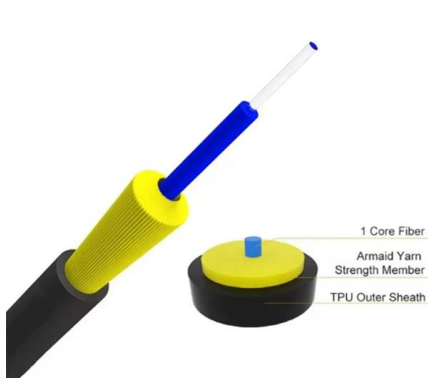
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Spatial Light Modulator Software & Accessories

Spatial Light Modulator Software All HOLOEYE Spatial Light Modulators are addressed like a monitor device via standard DVI or HDMI. This means the SLM

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New Broadband Version of ERIS Analog Spatial Light

The NEW ERIS-NIR-153 version is optimized to cover a broad wavelength range from 420 nm up to 1100 nm. This offers highest flexibility of use

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LETO-3 Phase Only Spatial Light Modulator

The LETO-3 Phase Only Spatial Light Modulator is our fast SLM platform with high band width. The SLM is capable of color sequential phase operation.

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HOLOEYE Photonics

HOLOEYE Photonics focuses on the development of adaptive micro-optics and diffractive components for scientific and industrial applications. The company's

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For datasheets, pricing, or custom fiber access solutions, please visit:
<https://www.frindel.es>