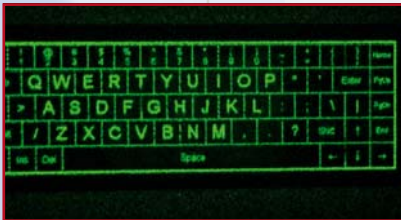


PLUTO

>> New PLUTO-NIR-2 Modulator



PLUTO - Phase Only Spatial Light Modulator Series

The PLUTO phase modulator models are based on reflective LCOS microdisplays with 1920 x 1080 pixel resolution. The PLUTO devices are packaged in a very small housing to ensure an easy integration into optical setups and applications. The PLUTO phase modulator series now includes 4 versions, optimized for the visible, the near infrared around 1064 nm, a version optimized for typical telecommunication wavelengths around 1550 nm and a new version for a broad wavelength band centered at 850nm.

New PLUTO-NIR-2 Version

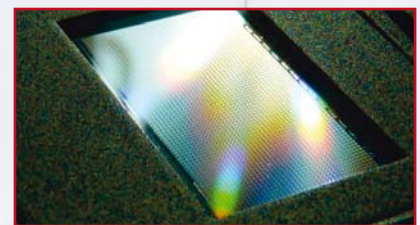
HOLOEYE developed a new version of its HD phase only display that assures good working conditions in the near infrared around 850 nm and in the lower visible. The PLUTO-NIR-2 shows optimized performance especially in the 750 - 950 nm area. Efficiency was optimized and disturbing interferences were reduced. This wavelength range is of great interest in the field of fs-Laser applications as well as biophotonics. The new display version will enhance performance for such applications.



PLUTO - Optimized for Different Wavelengths Bands

HOLOEYE provides 4 versions of the PLUTO modulator:

- PLUTO-VIS: This version is optimized for the visible because of a broadband AR (anti reflection) coating for this spectral range.
- PLUTO-NIR: This version is optimized for the near infrared around 1064 nm because of an AR coating for 1064 nm and a thicker LC layer.
- PLUTO-NIR-2: This version is usable for a broad wavelength band around 850 nm and in the lower visible.
- PLUTO-TELCO: This version is optimized for common telecommunication wavelengths ranges around 1550 nm.



Pioneers in Photonic Technology

