

High Cost-effective Liquid Crystal Spatial Light Modulator



HD SLM64R Series

- ▶ 1080P resolution, 6.37μm pixels, > 93% fill factor
- ▶ Panel angle allows pitch adjustment
- ▶ Small size, easy to integrate

Product Parameter

Modulation Mode	Phase/Amplitude
Pixel Size	6.37μm
Resolution	1920*1080
Frame Rate	60Hz
Bit Depth	8bit
Fill Factor	> 93%
Phase Retardance	>3π@532nm
Wavelength	420~700nm
Amplitude Contrast	200: 1

Application

Optical field regulation
Holographic projection
Commercial projection optical machine development
Holographic module development,
Special dimming field
Vortex beam
3D display
Holographic reproduction
Laser regulation
Multi-spectral imaging
Physical science optical experiments
AR equipment development
Computational imaging and coherent diffraction
Projection imaging and structured light

Feature

1080P resolution
6.37μm pixels
Fill factor> 93%
Adjustable panel by the angle of pitched up and pitched down
Small size
Easy integration